

MANUAL / Reference : MAN_MAX_EXTEQ_EN_V1.0



E-XTEQ provides International engineering / OEM's worldwide connections / High capacity production. HIGH-TECH INDUSTRIES: RESEARCH & DEVELOPMENT, ASSEMBLY LINES, WORKSHOPS





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Table of Content

Introduction
Safety Guidelines
Maintenance and Storage
Before Use
Usage Precautions
Disassembly/Damage/Removal
Cleaning the Product
Getting Started
Safety Reminders
Appearance and Dimensions
Trolley LED's
Accessories
Initial Setup
Installation
Battery Cable Clamps Connection
Power Cable Connection and Power On
Dealer Id. N° (Dealer Code)
Wi-Fi Connection
Bluetooth Connection
Argos
Diagnostic and Charge
Workflow
The Main Menu
Network Selection from Database
Manual Selection of Battery
Vin Scan Pistol Connected
Vin Scan Pistol Not Connected
Start Diagnostic & Results
Trolley Diagnostic
Complete Diagnostic & Results
Charge
Enhanced Diagnostic Mode
Load Test & Results
Reserve Capacity Test & Results
Power Supply Mode
Volt Meter
History
Support Information

Table of Contents

E-XTEQ MAXIMUS USER MANUAL

Introduction 3 Safety Guidelines 4 Maintenance and Storage 4 Before Use 4 Usage Precautions 5 Disassembly/Damage/Removal 5 Cleaning the Product 5
Getting Started
Accessories
Initial Setup9Unboxing9Setup10Dealer Code Set Up11Wi-Fi Connection (Remote to Trolley Only)12Bluetooth Pistol Connection13Update14
Workflow
The Main Menu15
Vehicle Selection from Database15
Manual Selection of Battery
VIN Scan (Fistol Not Connected) 19-20
Trolley Diagnostic
Charge
Load Test
Reserve Capacity Test
Power Supply Mode
Voltmeter
History
Support Information
Warranty
Limited Warranty
How to Obtain Warranty 31

Revision of the manual

Due to software updates, your experience of the software interface (including but not limited to software features, user interfaces, and interaction experiences) may differ from the interface presented in this manual. The software interface is subject to change.

EDITION / REVISION	REFERENCE	DATE	UPDATES PARTS
First edition	MAN_MAX_EXTEQ_EN_V1.0	February 2025	-



Safety Guidelines Maintenance and Storage Before Use **Usage Precautions** Disassembly/Damage/Removal Cleaning the Product **Getting Started** Safety Reminders Appearance and Dimensions Trolley LED's Accessories **Initial Setup** Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History

Support Information Warranty

Introduction

ABOUT ///////

E-XTEQ is a battery diagnostic tool and equipment manufacturer with a broad spectrum of knowledge and understanding of battery technology for Industrial, OE and Aftermarket Maintenance including EV/HEV applications.

Our mission is to be a passionate global leader of innovative measurement solutions by providing premium testing equipment and unsurpassed services to our valued customers and partners.

E-XTEQ Maximus supports battery diagnostic tests including dynamic 1/2 CCA load test and provides a true reserve capacity test. Maximus has a built-in 12V/55A charger/ maintainer that provides in-depth features and functions to stabilize battery voltage during ECU reflash and is capable of charging different battery chemistries. The pistol is a comprehensive 1D/2D scanner and IR laser temperature measurements tool that provides database selection accuracy, speed and is user friendly.

With our Smart Logic[™] sequence, we are capable of providing results in a maximum of 20 minutes. Our EDM icon allows the user to perform additional tests, such as Dynamic Load Test, ECU Relearn & Reserve Capacity. The Maximus will update wirelessly and will notify the user when an update is available. All the jobs performed will be stored on the Argos Cloud Based System automatically and are available for the service advisor or technician to view all jobs performed and print out a customer copy.

Table of Content Introduction Safety Guidelines

Maintenance and Storage Before Use

Usage Precautions Disassembly/Damage/Removal Cleaning the Product

Getting Started

Safety Reminders Appearance and Dimensions

Trolley LED's

Accessories

Initial Setup

Installation

Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection

Bluetooth Connection Argos

Diagnostic and Charge Workflow

The Main Menu

Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge Enhanced Diagnostic Mode Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History Support Information

Warranty

Safety Guidelines 1/2

Please read the safety guidelines carefully.

This section indicates the areas that need to be protected in order to prevent harm to people who use this equipment, damage to property and to enable proper use of this product.

MAINTENANCE AND STORAGE ///////

Keep this product dry. Do not expose the MAXIMUS to rain or snow.

Discontinue use and contact technical support if an overheat event has occurred, or if corrosion or deterioration has been identified in the cables or other parts of the product.

BEFORE USE ///////



Keep the exterior clean and free of dust. Do not disassemble or modify the main unit as it may cause an electrical shortage or fire. To reduce the risk of electrical shortage, unplug the AC power plug before cleaning and maintenance.

Extreme caution: Keep liquids and conductive tools away from the MAXIMUS while operating.

MAXIMUS must be used in a well-ventilated area.

When operating the equipment make sure the surface is dry and clean to minimize any risks.



The battery contains chemicals that may generate explosive gases. Before handling the battery, remove all metal accessories such as rings, bracelets and necklaces. Short circuit at battery terminals may cause burns. Do not place batteries near flames or other heat sources



The battery fluid is highly corrosive. If the battery fluid gets on your skin or clothes, immediately wash it with soap and water. If electrolyte gets in your eyes, immediately flush with cold water for at least 10 minutes and seek medical attention.

Safety Guidelines

Maintenance and Storage Before Use

Usage Precautions

Disassembly/Damage/Removal **Cleaning the Product**

Getting Started

Safety Reminders Appearance and Dimensions Trolley LED's Accessories **Initial Setup** Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History

Support Information Warranty

Safety Guidelines 2/2

SAFETY REMINDERS ///////

Do not use extension cords as there is a risk of fire and electrical shortage.

- If use is necessary, check that the extension cord has the following:
- 1. Identical plug, cable size and the same electrical wiring as the Maximus.
- 2. Make sure the equipment is securely connected before use.

3. It is not recommended to leave the Maximus charging a battery unattended overnight.

When unplugging the cord from the outlet, hold the frame of the plug to avoid damaging the plug or power cord. Pulling the cord may cause the cable plug to break. Replace power cord immediately if damaged.

If the outlet shape does not fit the plug, please contact the E-XTEQ service department.

Phone: 1.877.453.3265 E-mail: support.usa@e-xteq.com



Do not touch the power connector during use. Keep away and Do Not Touch restricted areas of this equipment.

SAFETY REMINDERS ///////

Do not disassemble the product or damage or remove the stickers or labels on the product. If the product's case has been disassembled or damaged by the user, all warranties will be void. Always contact a designated E-XTEQ Service Center for repairs.

Do not insert metallic objects into the unit to prevent electric shock, fire, short circuit, possible leaking of harmful substances and personal injuries. Do not store the product in a wet or humid place. Always store the product in a dry place.

SAFETY REMINDERS ///////

It is recommended that you clean the product by wiping it gently using a soft cloth. Do not use water, chemical substances or detergents. They may cause discoloration or corrosion to the product's exterior and may cause a fire or electric shock.



- Safety Guidelines
- Maintenance and Storage Before Use

Usage Precautions Disassembly/Damage/Removal Cleaning the Product

Getting Started

Safety Reminders

Appearance and Dimensions

Trolley LED's Accessories Initial Setup Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection Bluetooth Connection Argos Diagnostic and Charge Workflow The Main Menu

Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge Enhanced Diagnostic Mode Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information** Warranty

Getting Started 1/3

SAFETY REMINDERS ///////

Please review the safety guidelines in this manual before using the Maximus for safety operations

When unplugging the Maximus, pull on the plug frame rather than the cord to reduce the risk of damaging the power plug or cord.

The Maximus is designed for indoor use. Use outside in dry weather only.

The E-XTEQ Maximus enables a wide range diagnostic procedures with 16V/50A charge capability.

APPEARANCE AND DIMENSIONS ///////

Dimension Details: Metrics: 1070 x 570 x 760 (mm) Imperial: 51.18 x 22.83 x 27.16 (inch) Weight: Kilogram: 67 (kg) Pounds: 148 (lbs.)



Depth 29.92in / 76cm

Width 22.44in / 57cm



Table of Content

Introduction

Safety Guidelines Maintenance and Storage Before Use

Usage Precautions Disassembly/Damage/Removal Cleaning the Product

Getting Started

Safety Reminders Appearance and Dimensions

Trolley LED's

Accessories

Initial Setup

Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge Enhanced Diagnostic Mode Load Test & Results Reserve Capacity Test & Results Power Supply Mode

Volt Meter History Support Information Warranty

Getting Started 2/3

ACCESSORIES ///////

Power Cord

16.4 ft/5m power cord is supplied with the E-XTEQ Maximus.

The cord will be suitable based on the destination country standards



Charge Cable with Clamp

The cable will be used to connect the battery to the trolly and diagnostic charging.



Introduction Safety Guidelines

- Maintenance and Storage Before Use Usage Precautions Disassembly/Damage/Removal
- Cleaning the Product

Getting Started

Safety Reminders Appearance and Dimensions Trolley LED's

Accessories

Initial Setup Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic

Complete Diagnostic & Results Charge

Enhanced Diagnostic Mode Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History Support Information

Warranty

Getting Started 3/3

ACCESSORIES ///////

Accessories Box

- 1. 7 Short Screws
- 2. Printer Paper Roll
- 3. Handle
- 4. Pistol, USB Cable
- 5. 2 Hooks (For Rear Part of the Trolley)





3.



4.







Safety Guidelines Maintenance and Storage Before Use

Usage Precautions Disassembly/Damage/Removal Cleaning the Product

Getting Started

Safety Reminders Appearance and Dimensions Trolley LED's Accessories

Initial Setup

Installation

Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information** Warranty

Initial Setup 1/6

UNBOXING ///////

1. Open the box carefully by using a box cutting knife or similar tool and remove the protective foam like the picture shown below



3. Remove the flat piece of foam on back of the unit and the triangular piece of foam on top and set aside.



5. Roll the Trolley out of the box. Note: Have one person hold the box while the other rolls the trolley out of the package.



2. Gently pull up on the Power Cable box and Accessories box and set aside.



4. Gently tip the box vertically. Note: For your safety, ask for help when lifting this product.





Safety Guidelines

Maintenance and Storage Before Use **Usage Precautions**

Disassembly/Damage/Removal Cleaning the Product

Getting Started

Safety Reminders Appearance and Dimensions Trolley LED's

Accessories **Initial Setup**

Installation

Battery Cable Clamps Connection Power Cable Connection and Power On

Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos

Diagnostic and Charge Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information**

Warranty

Initial Setup 2/6

SETUP ///////

1. Open the Accessories box and remove the top layer of foam to retrieve the handles.



3. Attach the handle to the trolley using the included 6M-35mm screws and nuts.





4. Mount the trolley cable hooks with the included 5M-10mm screws.



5. Insert paper roll in the printer as shown below.





6. Open the Power Cable box and connect the power cord to the trolley.





Safety Guidelines Maintenance and Storage Before Use Usage Precautions

Disassembly/Damage/Removal Cleaning the Product

Getting Started

Safety Reminders Appearance and Dimensions Trolley LED's Accessories

Initial Setup

Warranty

Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge Enhanced Diagnostic Mode Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information**

Initial Setup 3/6

SETUP ///////

7. Open the Power Cable box and connect the charging clamps to the trolley.





DEALER CODE SET UP //////

After trolley has been setup, turn on the remote and follow the steps below to input the BAC Code into the tool. (BAC code is required to generate warranty code).

After MAXIMUS has been assembled, turn the unit on and follow the steps below to imput the dealer code. (Dealer code is required to generate a warranty code)



From the main menu press the profile icon



Enter Dealer Code and press save

Safety Guidelines

Maintenance and Storage Before Use Usage Precautions

Disassembly/Damage/Removal Cleaning the Product

Getting Started

Safety Reminders Appearance and Dimensions Trolley LED's Accessories

Initial Setup

Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection

Bluetooth Connection Argos Diagnostic and Charge

Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information** Warranty

Initial Setup 4/6

WI-FI CONNECTION ///////











Select settings icon

On general settings screen select your network connection

Click on local router and tool will search for local networks

Select your preferred network

Enter network password and press connect

Once connected, can go back to main menu by clicking on the 3 lines on the top left (home button) of the screen.

Table of Content

Introduction

Safety Guidelines Maintenance and Storage Before Use Usage Precautions Disassembly/Damage/Removal Cleaning the Product

Getting Started

Safety Reminders Appearance and Dimensions Trolley LED's Accessories

Initial Setup

Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection

Bluetooth Connection

Argos **Diagnostic and Charge** Workflow The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge Enhanced Diagnostic Mode Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information** Warranty

Initial Setup 5/6



Select settings icon

On general settings screen select your network connection

Scanning for pistol via bluetooth

If pistol is not turned on, Bluetooth will not find the pistol

Pistol found, Select your pistol device

Connecting device to pistol via bluetooth

Once connected, can go back to main menu by clicking on the 3 lines on the top left (home button) of the screen.

- Safety Guidelines
- Maintenance and Storage Before Use

Usage Precautions Disassembly/Damage/Removal Cleaning the Product

Getting Started

Safety Reminders Appearance and Dimensions Trolley LED's Accessories

Initial Setup

Installation

Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection Bluetooth Connection

Argos

Diagnostic and Charge Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information** Warranty

Initial Setup 6/6

UPDATE ///////

While optional, your Argos log in makes jobs viewable from each tool.



Optional User setup for ARGOS Open up your web browser and go to: prod.e-xteq.com/ArgosV2



Click Register.

Registor. Criate a new account. Vanadas Insti Research Games Apsayed Entry Entr

Complete each field and hit the register button once finished.

HELLO Your registration to ARGOS is being processed.

JUST ONE MORE STEP PLEASE



Confirm E-mail, this is required to assist in the event of a forgotten password.



Login with Username and Password on the Maximus.

* To login with your Argos ID, your Maximus needs to be connected to the internet

Workflow 1/16





Settings icon selected

General preference screen to select preferred units/time & language.



Network settings user is able to select Wi-Fi and connect to pistol. Scanning for pistol.



Support icon will display the tool information, and technical support information. The QR code will be available for quick guides.

VEHICLE/BATTERY SELECTION ///////

The vehicle/battery selection will be available on the following menu screen. *Diagnostic

*Charge

-Normal & Fast Charge

- *Enhanced Diagnostic Mode
 - -Manual Load Test
 - -Manual Reserve Capacity Test
 - -Power Supply Mode (ECU Reflash)

MANUAL BATTERY SELECTION //////

Manual Battery Selection

Workflow 2/16



Workflow 3/16



Aux Main Main 1 FLOODED 730 CCA 80 A/H

Confirm battery information.

If battery has been replaced, press edit icon and follow manual battery selection after

Workflow 4/16



Workflow 5/16

VIN SCAN (PISTOL NOT CONNECTED) ///////



Select submodel if multiple vehicles are found

Select Battery Chemistry. If no vehicle is found, follow Manual Battery Selection

information

Workflow 6/16

VIN SCAN (PISTOL NOT CONNECTED) ///////

MULTIPLE CONFIGURATIONS FOUND ////

VEHICLE FOUND ///////

3

after

CENTER

1 ery

9

If battery has been replaced, press edit

icon and follow manual battery selection

Confirm battery information.

* (?

Main 1 FLOODED

600 CCA 66 A/H

2



Select Main or AUX and confirm battery information

CENTER * 1 2 Main 1 FLOODED 600 CCA 66 A/H Main 3 SP. Edit Batter

Edit battery information if battery has been replaced

NO VEHICLE FOUND ///////



X

Select Battery CCA Standard



Confirm CCA rating



Table of ContentIntroductionSafety GuidelinesMaintenance and StorageBefore UseUsage PrecautionsDisassembly/Damage/RemovalCleaning the ProductGetting StartedSafety RemindersAppearance and DimensionsTrolley LED'sAccessoriesInitial SetupInstallationBattery Cable Clamps Connecti

Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection Bluetooth Connection Argos **Diagnostic and Charge**

Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results

Trolley Diagnostic

Complete Diagnostic & Results Charge Enhanced Diagnostic Mode Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History Support Information Warranty

Workflow 7/16



To run a diagnostic, select the first icon labeled "DIAGNOSTIC", then follow vehicle or manual battery selection (listed above)

Confirm temperature with pistol **Note: If pistol is not connected, follow steps to enter temperature manually

Warning screen to test battery on bare terminals

Test starting

Missing battery screen shows when the battery is not connected via clamps.

If pre-charge is needed, the tool will perform a pre-charge.

Safety Guidelines Maintenance and Storage Before Use Usage Precautions Disassembly/Damage/Removal Cleaning the Product Getting Started Safety Reminders Appearance and Dimensions

Appearance and L Trolley LED's Accessories

Initial Setup

Installation

Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection Bluetooth Connection Argos Diagnostic and Charge Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results

Trolley Diagnostic

Complete Diagnostic & Results Charge

Enhanced Diagnostic Mode Load Test & Results

Reserve Capacity Test & Results Power Supply Mode Volt Meter **History** Support Information Warranty

Workflow 8/16

DIAGNOSTICS ///////



Precharge in progress

If sulfation is detected the Maximus will try to recover the battery.

Chemical stabilization after pre-charge finishes.

If no pre-charge is needed, the Internal Resistance test will start at this step

Load Test in progress

Reserve Capacity test in progress (if needed).

Table of Content Introduction **Safety Guidelines** Maintenance and Storage Before Use **Usage Precautions** Disassembly/Damage/Removal Cleaning the Product **Getting Started** Safety Reminders Appearance and Dimensions Trolley LED's Accessories **Initial Setup** Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic **Complete Diagnostic & Results** Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode

Volt Meter

Warranty

Support Information

History

Workflow 9/16



Charge Acceptance Test

END RESULTS ///////

SOC

89 %





Battery is good but needs recharge

∈rt≡Ω * (?) 100 %

Р

Battery is good

Battery is bad



Terminated by User



Table of Content Introduction **Safety Guidelines** Maintenance and Storage

Before Use **Usage Precautions** Disassembly/Damage/Removal Cleaning the Product

Getting Started Safety Reminders Appearance and Dimensions Trolley LED's Accessories **Initial Setup** Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History

Support Information Warranty

Workflow 10/16

TOP OFF CHARGE ///////

Note: Top Off Charge will get the battery to above 80% SOC and will keep it charged if need to step away.



Top off charge must be stopped manually. Top off charge will start after "needs recharge" or "good battery" if no interaction with tool

Top off charge is acceptable Test can be stopped manually

Battery is charged result

Table of Content Introduction **Safety Guidelines**

Maintenance and Storage Before Use **Usage Precautions** Disassembly/Damage/Removal Cleaning the Product **Getting Started** Safety Reminders Appearance and Dimensions Trolley LED's Accessories **Initial Setup** Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History

Support Information Warranty

Workflow 11/16

NORMAL CHARGE ///////

Note: charge MUST be stopped MANUALLY



Normal charge icon (current limited to 40A) Follow vehicle or battery selection

Confirm battery with pistol if connected **Note: If pistol is not connected, follow steps to enter temperature manually

Internal Resistance test in progress

Charge is acceptable

Battery is charged result

Table of Content Introduction **Safety Guidelines** Maintenance and Storage Before Use **Usage Precautions** Disassembly/Damage/Removal Cleaning the Product **Getting Started** Safety Reminders Appearance and Dimensions Trolley LED's

Accessories **Initial Setup** Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History

Support Information Warranty

Workflow 12/16

FAST CHARGE ///////

Note: charge MUST be stopped MANUALLY



Fast charge icon (current limited to 53A) Follow vehicle or battery selection

Confirm battery with pistol if connected

Internal Resistance test in progress

Charge is acceptable

Battery is charged result

Table of Content Introduction **Safety Guidelines** Maintenance and Storage Before Use **Usage Precautions** Disassembly/Damage/Removal Cleaning the Product **Getting Started** Safety Reminders Appearance and Dimensions Trolley LED's Accessories

Initial Setup Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection

Bluetooth Connection Argos **Diagnostic and Charge** Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results

Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information** Warranty

Workflow 13/16



Enhanced Diagnostic Mode for manual individual tests

Load test icon selected, follow vehicle or battery selection

Internal Resistance test in progress

End result

Reserve Capacity icon selected, follow vehicle or battery selection

Table of Content Introduction **Safety Guidelines** Maintenance and Storage Before Use **Usage Precautions** Disassembly/Damage/Removal Cleaning the Product **Getting Started** Safety Reminders Appearance and Dimensions Trolley LED's Accessories **Initial Setup** Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Argos **Diagnostic and Charge** Workflow The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results

T**rolley Diagnostic** Complete Diagnostic & Results Charge

Enhanced Diagnostic Mode Load Test & Results

Reserve Capacity Test & Results Power Supply Mode

Volt Meter History Support Information Warranty

Workflow 14/16



Internal Resistance test in progress

Reserve Capacity in progress

End result

Image: Constraint of the section of the

POWER SUPPLY MODE ///////

For vehicle ECU reflash Power supply icon selected, follow vehicle or battery selection

Power supply mode in progress

Terminated by user

Warranty

Workflow 15/16



Table of Content Introduction Safety Guidelines

Maintenance and Storage Before Use Usage Precautions Disassembly/Damage/Removal

Cleaning the Product **Getting Started**

Safety Reminders

Appearance and Dimensions

Trolley LED's

Accessories

Initial Setup Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection Bluetooth Connection Argos

Diagnostic and Charge Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diagnostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information** Warranty

Workflow 16/16

SUPPORT INFORMATION //////				
North America:	EMEA:			
E-XTEQ	E-XTEQ			
Technical Support	Technical Support			
1-877-453-3265	+33 1 30 07 13 30			
support.usa@e-xteq.com	support.eu@e-xteq.com			
www.e-xteq.com	www.e-xteq.com			

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Warranty

LIMITED WARRANTY //////

The MAXIMUS product is backed by a Limited 1-Year Warranty. The warranty covers manufacturer defects and workmanship. The warranty excludes misuse or abuse and normal wear and tear.

All accessories are backed by 1-Year Warranty for manufacturer defects only. All accessories with a 1-Year Warranty are listed below. Please read "How to obtain warranty" instructions in order to receive the correct parts and prevent any charges.

ACCESSORIES: AC Power Cord Charge Cable with Clamps Pistol USB Cable

HOW TO OBTAIN WARRANTY ///////

Warranty

For specific customers warranty questions, please contact us directly.

Limited Warranty

E-XTEQ LLC products are warranted to be free of defects in materials, manufacturing, and workmanship for a period of one (1) year from date of purchase. This limited warranty applies to E-XTEQ products only and does not cover any other equipment. This limited warranty DOES NOT COVER static damage, misuse or abuse, normal wear and tear, water damage, overvoltage damage, dropping the unit, causing damage to it. E-XTEQ is not responsible nor liable for any incidental or consequential damage and will be subject to warranty voidability.

The warranty is also void if the client or any person outside E-XTEQ members facilities tries to disassemble the unit or to modify any of the parts or the cable assembly.

CLIENT and the Client Parties further acknowledge and agree that the total liability for any loss, physical damage, or theft while at any location other than the certified E-XTEQ Repair Locations is subject to warranty void and falls on the client.

E-XTEQ shall not be liable for any delays or damages caused by forces outside their control such as work stoppages, weather, shipping delays, acts of terrorism, war, strikes, catastrophes, or acts of God. This Warranty and any dispute between the parties will be construed under the laws of the State of Michigan without regard to conflicts of laws principles.

*Before sending a unit back for repair, an RMA (Return Materials Authorization) number must be obtained by contacting E-XTEQ Technical Support (see last page for reference). E-XTEQ will ascertain if the unit needs to come in for repair or replacement. If the unit must be replaced, E-XTEQ will provide full instructions for the end user to receive the replacement parts in the shortest delay.

What is covered and for how long?

All accessories are backed by 1-Year Warranty for manufacturer defects only. All accessories with a 1-Year Warranty are listed below.

AC Power Cord Charge Cable with Clamps Pistol USB Cable

Please read "How to obtain warranty" instructions to receive the correct parts and prevent any charges.

"E-XTEQ LLC" warrants to the original consumer purchaser that the product identified is free from defects in material and workmanship under normal use and service for the warranty period. This limited warranty does not extend to resellers, to used products that are resold. The warranty period commences upon the date of delivery to the original consumer purchaser and continuing for the following specified period after that date. **Table of Content New Page** Introduction **Safety Guidelines** Maintenance and Storage Before Use **Usage Precautions** Disassembly/Damage/Removal Cleaning the Product **Getting Started** Safety Reminders Appearance and Dimensions Trolley LED's Accessories **Initial Setup** Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Other Settings **Diagnostic and Charge** Workflow The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results

Trolley Diagnostic

Complete Diagnostic & Results Charge

Enhanced Diognostic Mode

Load Test & Results

Reserve Capacity Test & Results Power Supply Mode Volt Meter History Support Information Warranty

What is not covered?

This Standard Limited Warranty is conditioned upon proper use of the product. This Standard Limited Warranty does not cover:

Defects or damage caused by accident, misuse, abnormal use, abnormal conditions, improper storage, neglect, or unusual physical, electrical, or electromechanical stress.
Defects or damage caused by exposure to liquid, moisture, dampness, weather conditions, sand, dust, or dirt that is inconsistent with the specifications and instructions applicable to the product according to the user manual and the applicable terms and conditions.

•Scratches, dents, and cosmetic damage.

•Defects or damage caused by pressing on a touch screen with excessive force or with an object for use on the product's touch screen.

•Equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered, or made illegible.

•Ordinary wear and tear.

•Defects or damage caused using accessories, products, or ancillary/peripheral equipment not furnished or approved by E-XTEQ.

Defects or damage caused by improper testing, operation, maintenance, software, installation, repair service or parts, or adjustment not furnished or approved by E-XTEQ.
Defects or damage resulting from external causes such as collision with an object, fire, flooding, windstorm, lightning, earthquake, theft, acts of terrorism, war, strikes, catastrophes, improper use of any electrical source, or acts of God.

Warranty does not cover any product if:

a. The use of a third-party which does not meet E-XTEQ specifications or has not been specifically approved.

b.Tampering, as evidenced by, for example, a broken seal or seals.

c.The product was subjected to external forces beyond normal use; or

d.Product repair not furnished or approved by E-XTEQ.

If the product has any non-warranted damage, after-market modifications or out-ofspecification, or non-approved parts that impair E-XTEQ's ability to evaluate whether damage or defects are covered by the warranty or E-XTEQ ability to make an in-warranty repair (e.g., a cracked screen that must first be removed), then E-XTEQ will notify you and you will have the following options: •You may have E-XTEQ return the product to you at your cost and, at your option,

resubmit the product for warranty evaluation of in-warranty repair after the impairing condition has been repaired, corrected, or reversed; or replaced.

•You may have E-XTEQ repair, correct, or reverse the impairing condition at your cost, prior to E-XTEQ's provision of such warranty evaluation or in-warranty repair.

E-XTEQ will not make any warranty determinations or repairs until the impairing condition has been repaired, corrected, or reversed.

Under no circumstances will E-XTEQ be obligated to maintain, restore, or repair any aftermarket changes to the Product's hardware. **Table of Content New Page**

Introduction **Safety Guidelines** Maintenance and Storage Before Use **Usage Precautions** Disassembly/Damage/Removal Cleaning the Product **Getting Started** Safety Reminders Appearance and Dimensions Trolley LED's Accessories **Initial Setup** Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection **Bluetooth Connection** Other Settings **Diagnostic and Charge** Workflow The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge

Enhanced Diognostic Mode

Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information** Warranty

What is E-XTEQ's obligations?

During the applicable warranty period, provided the Product is returned to E-XTEQ in accordance with the terms of this Standard Limited Warranty and exhibits an in-warranty defect, E-XTEQ will, at E-XTEQ's sole option, either repair the in-warranty defect without charge, subject to the conditions above or replace the product without charge. E-XTEQ may, at E-XTEQ's sole option, use rebuilt, reconditioned, or new parts or components when repairing any product, or may replace the product with a rebuilt, reconditioned, or new product. All repaired/replaced products will be covered by the terms of E-XTEQ Standard Limited Warranty for a period equal to the remainder of the original Standard Limited Warranty on the original product or for ninety (90) days, whichever is longer. All replaced products, parts, components, boards, and equipment shall become the property of E-XTEQ. Except to any extent required by applicable law, transfer or assignment of this Standard Limited Warranty is prohibited.

During the applicable warranty period, provided the product is returned in accordance with the terms of this Standard Limited Warranty, E-XTEQ will repair or replace the Product, at E-XTEQ's sole option, without charge. E-XTEQ will, at E-XTEQ's sole option, either repair the in-warranty defect without charge, subject to the conditions above or replace the product without charge. E-XTEQ may, at E-XTEQ's sole option, use rebuilt, reconditioned, or new parts or components when repairing any product, or may replace the product with a rebuilt, reconditioned, or new product.

What must you do to obtain warranty service?

To obtain service under this Standard Limited Warranty, you must call E-XTEQ Customer Support department, and provide the information needed by the support team. Once the information provided by the customer is confirmed, the support team will provide different service options.

Before sending a unit back for repair, an RMA (Return Materials Authorization) number must be obtained by E-XTEQ Technical Support. Devices/tools must be shipped for repair with the RMA number provided by E-XTEQ support team, or accompanied by, the sales receipt or comparable proof of purchase showing the original date of purchase by the original consumer purchaser, the serial number of the Product, and the seller's name and address.

If E-XTEQ determines that any Product is not covered by this Standard Limited Warranty, you must pay all parts, shipping, and labor charges for the repair or return of such Product.

What are the limits on E-XTEQ's liability?

This standard limited warranty sets out the full extent of E-XTEQ's responsibilities and the exclusive remedy regarding the products.

All implied warranties, including without limitation, implied warranties of merchantability and fitness for a particular purpose, are limited to the duration of this limited warranty. In no event shall E-XTEQ be liable for damages more than the purchase price of the product or for, without limitation, commercial loss of any sort; loss of use, time, reputation, opportunity, goodwill, profits or savings; inconvenience; loss, corruption, or disclosure of data or information that occurs during the warranty process; incidental, special, consequential or punitive damages; or damages arising from the use or inability to use the product. Some states and jurisdictions do not allow limitations on how long an implied warranty lasts, or the disclaimer or limitation of incidental or consequential damages, so the above limitations and disclaimers may not apply to you.

E-XTEQ makes no warranties or representations, express or implied, statutory or otherwise, as to the quality, capabilities, operations, performance or suitability of any third-party software or equipment used in conjunction with the product, or the ability to integrate any such software or equipment with the product, whether such third-party software or equipment is included with the product distributed by E-XTEQ or otherwise. Responsibility for the quality, capabilities, operations, performance, and suitability of any such third-party software or equipment rests solely with the user and the direct vendor, owner or supplier of such third-party software or equipment.

Table of Content

Safety Guidelines

Maintenance and Storage Before Use Usage Precautions

Disassembly/Damage/Removal Cleaning the Product

Getting Started

Safety Reminders Appearance and Dimensions Trolley LED's Accessories **Initial Setup** Installation Battery Cable Clamps Connection Power Cable Connection and Power On Dealer Id. N° (Dealer Code) Wi-Fi Connection Bluetooth Connection Other Settings

Diagnostic and Charge Workflow

Workflow

The Main Menu Network Selection from Database Manual Selection of Battery Vin Scan Pistol Connected Vin Scan Pistol Not Connected Start Diagnostic & Results Trolley Diagnostic Complete Diagnostic & Results Charge **Enhanced Diognostic Mode** Load Test & Results Reserve Capacity Test & Results Power Supply Mode Volt Meter History **Support Information** Warranty

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All implied warranties, including without limitation, implied warranties of merchantability and fitness for a particular purpose, are limited to the duration of this limited warranty. In no event shall E-XTEQ be liable for damages more than the purchase price of the product or for, without limitation, commercial loss of any sort; loss of use, time, reputation, opportunity, goodwill, profits or savings; inconvenience; loss, corruption, or disclosure of data or information that occurs during the warranty process; incidental, special, consequential or punitive damages; or damages arising from the use or inability to use the product. Some states and jurisdictions do not allow limitations on how long an implied warranty lasts, or the disclaimer or limitation of incidental or consequential damages, so the above limitations and disclaimers may not apply to you.

E-XTEQ makes no warranties or representations, express or implied, statutory or otherwise, as to the quality, capabilities, operations, performance or suitability of any third-party software or equipment used in conjunction with the product, or the ability to integrate any such software or equipment with the product, whether such third-party software or equipment is included with the product distributed by E-XTEQ or otherwise. Responsibility for the quality, capabilities, operations, performance, and suitability of any such third-party software or equipment rests solely with the user and the direct vendor, owner or supplier of such third-party software or equipment.



Paris, Singapore, Detroit, Yokohama, Sao Paulo, Shanghai, Taiwan, Mexico

www.e-xteq.com