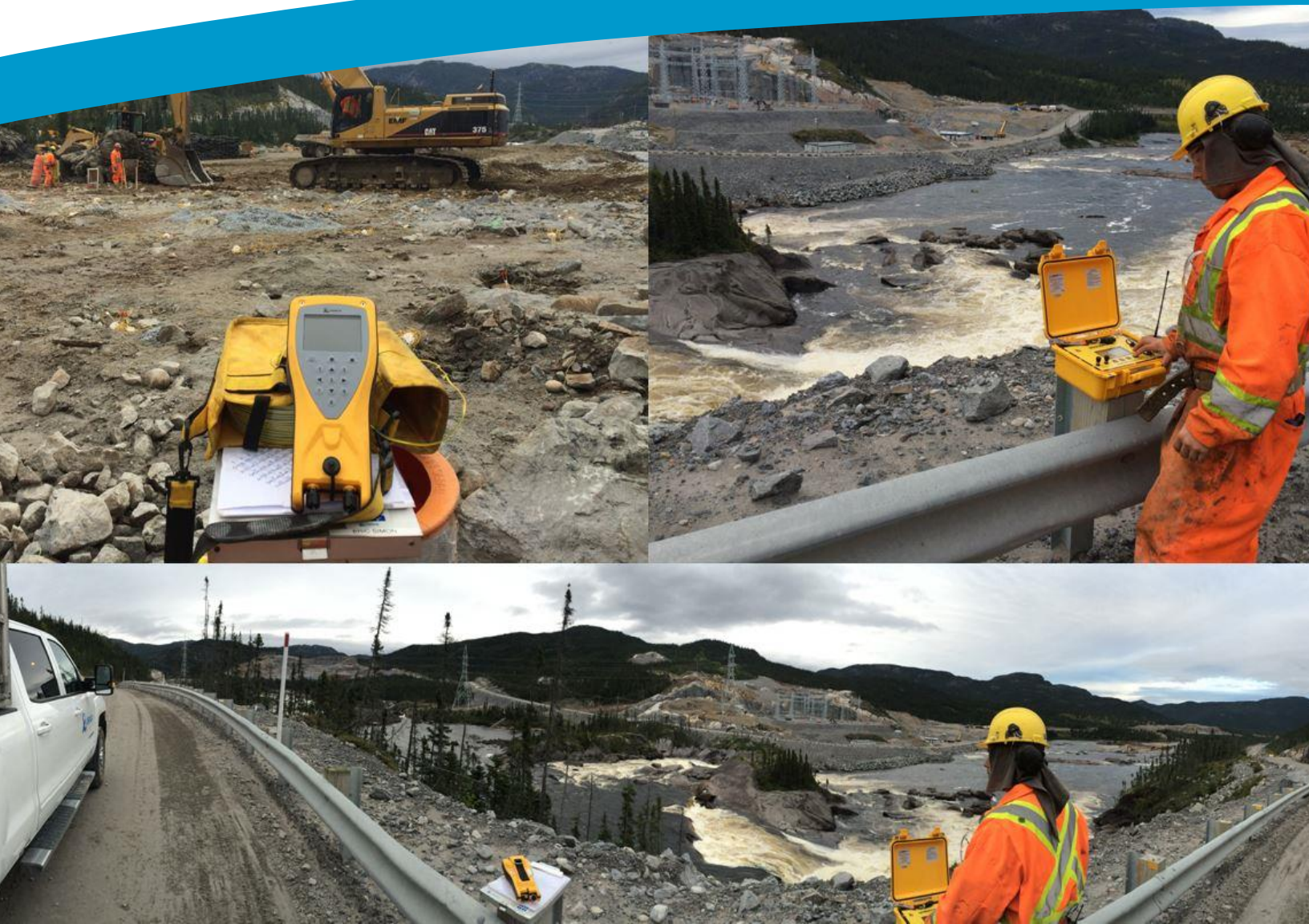




uni tronic™ 600 ELECTRONIC BLASTING SYSTEM PRODUCT CATALOG

NORTH AMERICA
JUNE 2020



CONTENTS

uni tronic™ 600 Hardware	4
uni tronic™ 600 Blast Box 310R with Easy Modem	4
uni tronic™ 600 Scanner 200	4
uni tronic™ 600 Accessories (Cables, Connectors, and Miscellaneous)	5
SHOTPlus™ Software	5
EBS Universal BBXXX Series Charger	5
EBS Multi Use Charger	5
EBS Multi Use Vehicle Charger	5
EBS Connector Dock	6
Universal Beep Booster	6
EBS XS880 Serial Adapter, USB 2.0 to RS232	6
EBS BBXXX Programming Cable	6
EBS Scanner 200/260 Download Cable	7
uni tronic™ Synchronization Cable	7
EBS Banana Plug to Alligator Clip Test Lead	7
uni tronic™ BB310R Antenna NA	7
EBS Antenna (440-470MHz) TNC	8
EBS TNC Magnetic Mobile Antenna Base	8
EBS Antenna 90° TNC Elbow	8
EBS uni tronic™ & eDev™ BB spare firing Key	8
uni tronic™ EBS BBXXX Binding Post Protector Kit	9
EBS Protective Cable End Cap	9
EBS Sling Bag	9
EBS Scanner 200/260, Tester III, & Logger II Bag	9
EBS Carry Bag Strap	10
uni tronic™ 600 EBS Connector 6	10
uni tronic™ 600 EBS Connector 6 with 100mg Grease Tube	10
EBS Silicone Grease	10
uni tronic™ Accessories (Training Aids)	11
uni tronic™ Blast Simulator 25 Way	11
uni tronic™ 600 Practice Pucks	11
EBS Universal Dummy Puck with a Latch on LED	11
EBS Universal Dummy Puck	11

uni tronic™ Accessories (EBS Cold Weather Warming Pouch (CWWP)) **12**

EBS Cold Weather Warming Pouch for Scanner 200	12
EBS Cold Weather Warming Pouch Ext Cable for Scanner 200	12
EBS Cold Weather Warming Pouch Spare Battery	12
EBS Cold Weather Warming Pouch Charger	13

uni tronic™ Obsolete Hardware and Accessories **14**

uni tronic™ 600 Belt Tester	14
EBS Universal Network Tester	14

uni tronic™ 600 Hardware

uni tronic™ 600 Blast Box 310R with Easy Modem

SAP Code: XUBB310RNAEM

Operates as the uni tronic™ 600 Blast Box 310 with an internal radio modem (frequency is setup to an Orica authorized frequency) and has Bluetooth® capabilities for download of scanned detonator details and remote blasting capability. Two Blast Box 310Rs are required to fire a remote shot. Will only do so if the firing key is in place. Able to operate in standalone mode hardwired. Compatible with ALL uni tronic™ Scanners, if it is running next firmware to fire uni tronic™ 600 dets.

uni tronic™ 600 Blast Box 310R w/ Easy Modem unit includes:

Description

- uni tronic™ Blast Box 310 series firing key
- EBS Universal BBXXX series Charger
- EBS BBXXX Programming Cable
- EBS Antenna for Easy Modem
- uni tronic™ Blast Box 310R Antenna Elbow

SAP Code

XRTNCMMAB
XUBB300CHG
XEBSBBPCBL
XSURBSPRANT
XSURBSWST



Lead-in-Line ports between hinges and back of box



Antenna port of side of box

All included accessories can be purchased separately.

uni tronic™ 600 Scanner 200

SAP Code: XUSCN200A

The uni tronic™ 600 Scanner 200 scans unique ID numbers on the detonators and allows the functionality of each detonator in the pattern to be tested before the bench is cleared.

uni tronic™ 600 Scanner 200 includes:

Description

- EBS Multi use Charger
- EBS Carry Bag Strap
- EBS Scanner 200/260 Download Cable
- EBS Scanner 200/260 Bag

SAP Code

XCHGRH
XRESTRAP
XUSCN200DC
XEBSSCN2XXB



All included accessories can be purchased separately.

Not compatible with uni tronic™ 500 detonators.

uni tronic™ 600 Accessories (Cables, Connectors, and Miscellaneous)



SHOTPlus™ Software

SHOTPlus™ is blast design and modelling software to optimize every blast. SHOTPlus™ Standard, SHOTPlus™ Premier, SHOTPlus™ UG, and SHOTPlus™ for Tunnels blast design and modelling technologies enable users to design, visualize and analyse blast initiation sequences across surface and underground mining, quarry and construction applications. The highly visual interface makes the program easy to use and provides full Windows® functionality.

More information including Software link and Product key, please contact the Blast IQ Team via e-mail at: blastiqsupport@orica.com

EBS Universal BBXXX Series Charger

SAP Code: XUBB300CHG

Use for uni tronic™ and eDev™.



Charger for Blast Box 310/310R/610/610C series, output 12V DC/1.2A, input 100-240V AC, 66in (1.68m) cable length

EBS Multi Use Charger

SAP Code: XCHGRH

Charger, output 12V DC/1.25A, input 100-240V AC, 72in (1.83m) cable length. Used with Scanner 200. Also used for eDev™ II Scanner 260, i-kon™ II Logger I, Logger II, & Blasters 400, and Oseis™ Tester III.



EBS Multi Use Vehicle Charger

SAP Code: XVCHGR400

Vehicle charger cable to charge Scanner 200 has a length of 72in (1.83m). Also used for eDev™ II Scanner 260, i-kon™ II Logger I, Logger II, & Blasters 400, and Oseis™ Shooter II & Tester III.





EBS Connector Dock

SAP Code: XILOGIID

The EBS Connector Dock is an accessory that can ONLY be used for uni tronic™ 600 type connectors and Scanner 200. It is a tool for probe a detonator without the need to open the connector (uni tronic™ 600 connectors only).



Universal Beep Booster

SAP Code: XBEEPP1

Amplifies the Logger's & Scanner's beep for logger/scanner confirmation.

- Works with uni tronic™ 600 Scanner 200 (Hardware version 1.5a minimum, and firmware version 2.11b or higher)
- Works with Logger I
- Works with Logger II (Hardware version 1.5 minimum, and firmware version 1.5.81 or higher)
- Works with eDev™ II Scanner 260 (Hardware version 1.5a minimum, and firmware version 2.11b or higher)



EBS XS880 Serial Adapter, USB 2.0 to RS232

SAP Code: XEBSUSB2RS232

Serial (RS232) to USB adapter is 12" (0.3m) long and compatible with:

- Windows 10 32/64
- Windows 7 32/64
- Vista 32/64
- XP 32/64



EBS BBXXX Programming Cable

SAP Code: XEBSBBPCBL

This is a 39in (1m) programming cable for use with the uni tronic™ 600 and eDev™ II BBXXX. This cable is also included in the BBXXX Accessories Pouch.



EBS Scanner 200/260 Download Cable

SAP Code: XUSCN200DC

This is a 39" (1m) cable used for uni tronic™ 600 Scanner 200 and eDev™ II Scanner 260 to download to their respective blast box when Bluetooth connectivity fails.



uni tronic™ Synchronization Cable

SAP Code: XUBSYNCCBL

Synchronization cable is 36" (0.9m) long and used to link two uni tronic™ 600 Blast Box 310 series for up to 1600 uni tronic™ detonators.



EBS Banana Plug to Alligator Clip Test Lead

SAP Code: XEBSBPACTL

This is a 36" (0.9m) long useful tool, when attached to a uni tronic™ 600 Scanner 200, that can be attached easily to exposed copper wires on blast lines, firing lines, or harness wires, to test for leakage, errors or extraneous voltage. Also, used for eDev™ II Scanner 260, i-kon™ II Logger I & Logger II, and Oseis™ Tester III.



uni tronic™ BB310R Antenna NA

SAP Code: XAC02100

Replacement antenna for Blast Box 310R (not for use with Easy Modem).

Note: A limited number of units are available



EBS Antenna (440-470MHz) TNC

SAP Code: XSURBSPRANT

A spare 12in (0.3m) antenna for BB310R with Easy Modem, needs to be ordered with

EBS Antenna 90° TNC Elbow (SAP #: XSURBSWST) or EBS TNC Magnetic Mobile Antenna Base (SAP #: XRTNCMMAB).



EBS TNC Magnetic Mobile Antenna Base

SAP Code: XRTNCMMAB

Magnetic Antenna Base for Surface & 12ft (3.6m) cable.

This can be used with:

- Blaster 3000
- uni tronic™ BB310R
- uni tronic™ BB310RNA

Note: Antenna is ordered separately (SAP #: XSURBSPRANT).



EBS Antenna 90° TNC Elbow

SAP Code: XSURBSWST

An antenna elbow to connect the uni tronic™ Blast Box 310R antenna to the side of the Blast Box.



EBS uni tronic™ & eDev™ BB spare firing Key

SAP Code: XEBSBBFKS

Multi-pin firing key used to program detonators to fire via the uni tronic™ and eDev™ Blast Boxes.



uni tronic™ EBS BBXXX Binding Post Protector Kit

SAP Code: XEBSBBBPPKIT

Bracket to protect the Blaster Box binding post.



EBS Protective Cable End Cap

SAP Code: XEBSPCEC

End Cap to protect binding connector for all EBS cables.



EBS Sling Bag

SAP Code: XREOBAGWP

A specially designed Yellow Sling Bag with a side Pocket to assist deployment of the EBS system at the face or on bench. Designed to deploy a single reel of the draw-from-center harness wire. Side pocket can be used to carry accessories, tools and/or equipment.



EBS Scanner 200/260, Tester III, & Logger II Bag

SAP Code: XEBSSCN2XXB

Water resistance carrying bag for uni tronic™ Scanner 200, eDev™ Scanner 260, oseis™ Tester III, and i-kon™ Logger II.



EBS Carry Bag Strap

SAP Code: XRESTRAP

A spare strap to be used with: eDev™ II Scanner 260, i-kon™ II Logger, i-kon™ II Logger II, i-kon™ II Blaster400, oseis™ Tester III, oseis™ Shooter II, and uni tronic™ Scanner 200.



uni tronic™ 600 EBS Connector 6

SAP Code: XAC02076

A box of 100 insulation displacement red connectors to carry signal from the uni tronic™ 600 detonator to uni tronic™ 600 duplex harness wire.



uni tronic™ 600 EBS Connector 6 with 100mg Grease Tube

SAP Code: XAC02075

A box of 100 insulation displacement red connectors to carry signal from the uni tronic™ 600 detonator to uni tronic™ 600 duplex harness wire, including a Tube of 100g of Silicone Grease.



EBS Silicone Grease

SAP Code: XEBSSTSC444

100g Tube of T-SC Silicone Grease to insulate the harness wire connection to the Connector 6 IDC Terminals

uni tronic™ Accessories (Training Aids)



uni tronic™ Blast Simulator 25 Way

SAP Code: XUBS25W

The uni tronic™ Blast Simulator 25 Way is a training tool that demonstrates the behavior of the uni tronic™ under simulated field conditions, for use in a classroom setting. It is also used to show potential customers the capability of Orica's EBS systems.



uni tronic™ 600 Practice Pucks

SAP Code:

XUPUCKD600 (20cm)

XUPUCK20H2 (20cm with High leakage)

XUPUCK20L2 (20cm with Low leakage)

Used for uni tronic™ 600 training and practice.



EBS Universal Dummy Puck with a Latch on LED

SAP Code: XPUCKDUMMYLED

This universal dummy puck has features including a latching "fired" indication, an automatic LED reset after a period of 1 hour to save battery power, plus a pushbutton for resetting the "fired" indication.

It can be used as a i-kon™ II, uni tronic™ 600, eDev™ II and oseis™ II training puck.

A replaceable lithium battery providing 150 hours of continuous LED operation.



EBS Universal Dummy Puck

SAP Code: XEBSPUCKDUMMY

This universal dummy puck is a basic dummy puck that can be used as a i-kon™ II, uni tronic™ 600, eDev™ II and oseis™ II training puck.

uni tronic™ Accessories (EBS Cold Weather Warming Pouch (CWWP))



EBS Cold Weather Warming Pouch for Scanner 200

SAP Code: XEBSCWWP2

The Cold Weather Warming Pouch (CWWP-2), is designed to contain a Logger II, Tester III, Scanner 260 or Scanner 200 and keep it at a reliable operating temperature in sub-zero conditions. It is designed so they can be operated while still inside the pouch.

The heater in the pouch is powered by a rechargeable 12VDC battery. Connections are made via sealed locking connectors.

EBS Cold Weather Warming Pouch for Logger II unit includes:

Description	SAP Code
- EBS Cold Weather Warming Pouch Spare Battery	XEBSCWWPSB
- EBS Cold Weather Warming Pouch Charger	XEBSCWWPC

+



The following Ext Cable must be ordered to complete The Cold Weather Warming Pouch Kit for Scanner 200.

EBS Cold Weather Warming Pouch Ext Cable for Scanner 200

SAP Code: XEBSCWWPECR

90° Banana plugs to uni tronic™ 600 Red Connector has a length of 24" (0.6m)

EBS Cold Weather Warming Pouch Spare Battery

SAP Code: XEBSCWWPSB

Spare rechargeable 12VDC battery



EBS Cold Weather Warming Pouch Charger

SAP Code: XEBSCWWPC

Spare battery 12VDC charger



uni tronic™ Obsolete Hardware and Accessories



uni tronic™ 600 Belt Tester

SAP Code: XURDIBT



EBS Universal Network Tester

SAP Code: XEBSNWT

Please note that the images in this catalogue are not to scale.

For further information on the full range of Orica's Electronic Blasting Systems please visit our website www.oricamining.com or contact your local Orica Representative.

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uni tronic™ 600
Electronic Blasting System



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