



# PRODUCT INFORMATION BROCHURE

## DBM1600-2-RC



The **DBM1600-2-RC Blasting Machine** is a multipurpose device designed to work with E★STAR detonators. Its main functions are to verify, charge and fire all detonators in all branches, **up to 1,600 E★STAR detonators per blast**. When connected to a second DBM1600-2-RC via the DIM-1 module in **master-slave mode**, it is possible to fire up to **3,200 E★STAR detonators per blast**.

### PRODUCT OVERVIEW

#### PROPERTIES

- Verifies all detonators.
- Change detonator delays.
- Charge detonator capacitors.
- Fires detonators.
- Transfer data from Logger / Loggers.
- Transfer data to PC for post processing.

#### ADVANTAGES

- All detonators are verified prior to firing.
- Downloadable data after firing.
- Large buttons suitable for use with gloves.
- Water resistant.
- Wireless Remote Firing Device connectivity.

**STANDARD TECHNICAL DESCRIPTION**

|                                   |  |
|-----------------------------------|--|
| <b>Name</b>                       | <b>DBM1600-2-RC</b>  |
| Weight                            | 11.7 lbs. (5,300 g)  |
| Size                              | 10.6 x 9.8 x 7.1 in (270 x 250 x 180 mm)   |
| Case                              | ABS plastic  |
| Battery                           | 9 x NiMH (rechargeable), built-in  |
| Charging                          | Mains charger (100 – 240 V; 50 – 60 Hz)<br>Car charger (11 – 16 V system)  |
| Operation voltage                 | 42.5 V   |
| Operation current                 | 0.55 mA (programming), 150 mA (verification)   |
| Temperature range for application | From -22°F to 140°F (-30°C to +60°C)<br>Slower display reaction in temperatures under -4°F (-20°C)                                     |
| Storage condition                 | From 32°F to 104°F (0°C to +40°C) R.H. max. 80%  |
| Firing capabilities               | Maximum 1,600 detonators (normal mode, single blasting machine)<br>Maximum 3,200 detonators (master-slave mode, two blasting machines) |

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