



PRODUCT INFORMATION BROCHURE

DBM1600-2-K



The **DBM1600-2-K 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-K 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.

STANDARD TECHNICAL DESCRIPTION

Name	DBM1600-2-K
Weight	11.5 lbs / 5,300 g
Size	10.5 x 10 x 7 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) 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) 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) Maximum 3,200 detonators (master-slave mode, two blasting machines)

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