

Product Data Sheet

SUREFIRE - Blasting Machine



Description

SUREFIRE blasting machine is designed for the initiation of nonelectric shock tube detonators in surface & underground blasting operations in non-gassing, dust and methane free environments.

Safety Check

Before using SUREFIRE ensure the battery and electrode are in good condition. The battery life is determined by the length of charging time required before the SUREFIRE is able to emit a spark. Batteries should be replaced if the machine takes longer than 3 seconds to produce a spark.

Recommendations

For the best results use in conjunction with SURELINE products
**Suitable for use with the majority of shock tubes produced but compatibility should be checked before ordering.*

Operation

Cut the sealed end of the shock tube 10cm towards the detonator. When conditions are safe to initiate, place the shock tube over the electrode tip ensuring the electrode is fully inserted in to the shock tube. To fire Press & Hold the button for 3 seconds releasing the button will cause the exploder to spark, initiating the shock tube.

Safety & Storage

SUREFIRE does not require any special maintenance, however, special care should be taken to protect the electrode from mechanical damage and contamination. It is good practice to return the SUREFIRE to a clean and dry lockable cabinet after use.



Part Numbers

P/N	Description
SFE1	Surefire Blasting Machine c/w Cover
SFRT	Surefire Replacement Tip

Technical

Electrode Life	1000 initiations (approx)
Condenser Energy	0.48J @ 2200V
Storage	0°C to +40°C @ 80% relative humidity
Battery	9V Alkali (PP3)
Recommended batteries	
Energiser 522 / Duracel MN1604 / Panasonic 6LR61 / VARTA 4022	

Dimensions

Dimensions (SUREFIRE)	100mm x 75mm x 30mm
Dimensions (cover)	110mm x 100mm x 60mm
Weight Including Battery (SUREFIRE)	236g
Weight (cover)	46g

Replacement tip & locknut



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