

Status Indicators

Quantity	Indicator (LED)	Function
1	READY TO FIRE	When on steady , indicates the energy storage capacitor is at the design voltage. (Does <u>not</u> indicate energy. Energy output must be determined as discussed in <u>Operational Test Procedure</u> .)

Electrical Specifications

Table 1. Blasting Machine Output Characteristics:

	CD1000-9J	CD1500-10J
Number circuits:	1	1
Nominal Capacitance:	20 MFD	10 MFD
Nominal Voltage:	1000 VDC	1500 VDC
Internal Resistance:		
At 74° F (24° C)	2.2 ohms	2.2 ohms
At 20° F (-7° C)	2.2 ohms	2.2 ohms
At 0° F (-32° C)	2.2 ohms	2.2 ohms
Nominal Energy:	9 Joules	10 Joules
Electric Detonator Capacity (Note 1):		
Straight Series:	150 detonators	185 detonators
Parallel Series:	Note 2	Note 2

Note 1. 6 ohm lead line and 2 ohm electric detonators, based on U.S. standard detonator rating of 20 millijoules/ohm delivered in 5 milliseconds.

Note 2. Consult your powder company for recommendations.

Power Source:

Type: Internal "AA" ALKALINE cells, Eveready E91 or equal.

Quantity: Eight.

Access: Remove the battery cover on the top panel of the blasting machine.

WARNING: USE ONLY ALKALINE TYPE BATTERIES. Do not use carbon-zinc type batteries as these do not have the amperage capacity to operate the Blasting Machine.

WARNING: DO NOT OPERATE THE BLASTING MACHINE IF THE BATTERY COVER IS NOT IN PLACE.