

BB-75

Capacitive Discharge Blasting Machine
w/Built-In Haptic Continuity Tester

Commercial Blasting

FIRES UP TO 75 EBCs

BUILT-IN CONTINUITY TESTER

TOUCH-RESISTANT POSTS

The **BB-75** is a low-cost, compact, high-energy, capacitive discharge blasting machine capable of initiating a up to of 75 EBCs (tested through 340 ohms). Bridgewire and firing line continuity is testable through the isolated, integrated haptic (tactile feedback) circuit tester with redundant LED. Intrinsic safeties include automatic abort, internal shunt, boot-protected switches, touch-proof output terminals with downward facing inputs, and fuse protected testing circuit (50mA).



BB-75

Capacitive Discharge Blasting Machine w/Built-In Haptic Continuity Tester



Operation

Firing Capabilities	Electric Blasting Caps only			
Arm Indication	Bright LED flashes while charging & lights solid when ready to fire			
Voltage & Energy	365 VDC @ 10 Joules (average)			
Electrical Blasting Serial Firing Capacity*	US Standard		US Coal/Oil	US Seismic
	EU Class 1	EU Class 2	EU Class 3	EU Class 4
	75	63	39	4
	<i>*Actual results may vary depending on detonators, wire, and other factors. Parallel firing not recommended.</i>			
Power Source	Type	1x 9V Energizer Industrial EN-22 (included)		
	Life	~75 shots (user replaceable)		
Temperature Range	0° to 131°F	(-18° to 55°C)		

Bridgewire Test

Test Current	Testing circuit current limited to less than 1 mA; protected by fast-blow, 50mA fuse (max allowable testing current)
Built-in	The ONLY blasting machine featuring a built-in haptic (tactile feedback) bridgewire continuity tester
Haptic	Strong vibrating response provides positive indication, even in direct sunlight and noisy environments
Visual	Test LED lights solid to visually confirm continuity, and flashes to indicate a low battery during Arm

Safety

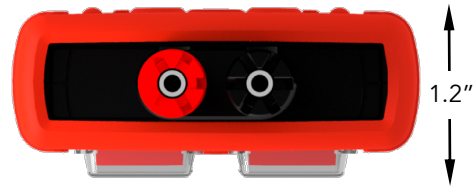
Shunted	Internally shunted output terminals help protect EBCs from stray EMI - remain shunted until instant of firing
Instant Abort	Auto abort immediately discharges the capacitor upon release of ARM button (prior to firing)
Touch-Resistant	Touch-resistant output terminals with downward facing wire inputs reduce risk of shock

Enclosure

Ingress Protection	IP51 limited protection against dust and water drops; not submersible
Dimensions	3.5" wide x 6.5" long x 1.2" thick (8.9 cm x 16.5 cm x 3 cm)
Weight	11.5 ounces with battery (326 g)
Material	Black ABS case with red rubber boot & clear vinyl switch boots

90-Day Factory Warranty Against Manufacturing Defects

Information is subject to change without notice.



1.2"



6.5"

3.5"

11.5 oz

CATEGORY	FEATURES	COMPLIANCE	
CB	BCT	EBC	CE
COMMERCIAL BLASTING	CONTINUITY TEST	ELECTRIC BLASTING	CE COMPLIANT
		IP51 COMPLIANT	LEAD-FREE SOLDERING
			RoHS

For more information on BlasterOne blasting control systems, contact:

BlasterOne Energetic System Controls, Inc. • PO Box 2395 • Tempe, Arizona (USA) • 85280-2395
01-480-626-5189 • info@BlasterOne.com • www.BlasterOne.com

