

# DIGITAL BLASTING MACHINE





International Protection Grade : IP54

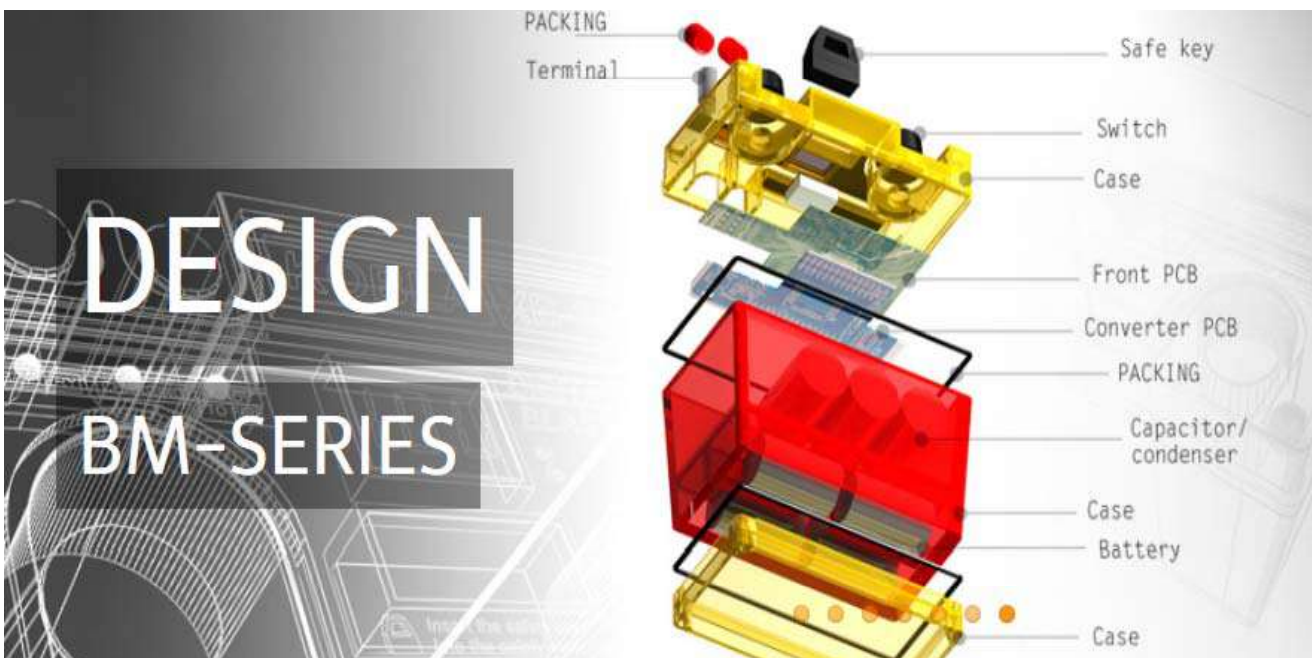
MCU operation process / FULL DIGITAL circuit

Operation process on the display PILOT / Charging rate is expressed as percentage

Non-contacting digital circuit - Always blasting on the same condition

BATTERY LAMP indicate the replacement time of battery

Convenient and easy to use / Simplified design





**BM 100D**



**BM 200D**



**BM 300D**

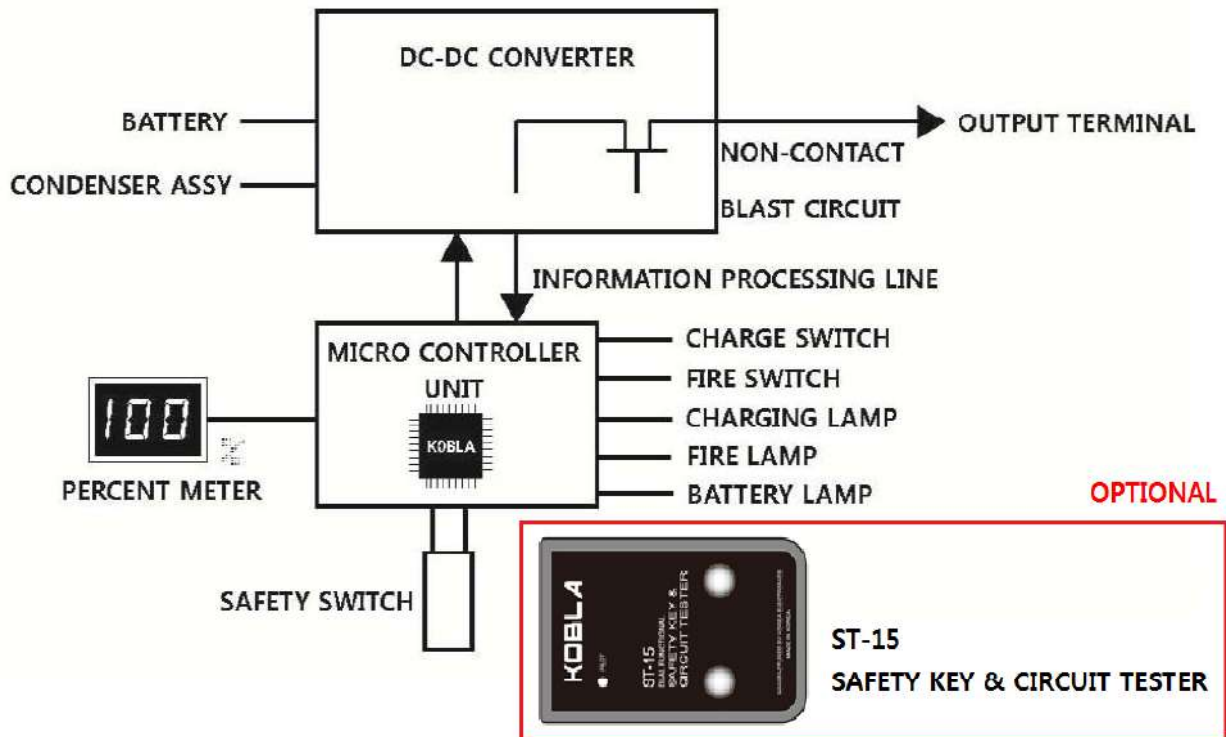


**BM 500D**

Model	BM 100D	BM 200D	BM 300D	BM 500D
Output voltage	DC 1200V	DC 1500V	DC 1500V	DC 1500V
Input voltage	DC 6V DRY BATTERY	DC 6V DRY BATTERY	DC 6V DRY BATTERY	DC 6V DRY BATTERY
Charging time	4 /SEC, 2 /SEC	5 /SEC, 3 /SEC	10 /SEC, 4 /SEC	15 /SEC, 6 /SEC
Output energy	11 JOULES	16 JOULES	32 JOULES	47 JOULES
Size(mm)	165 * 95 * 175	165 * 95 * 175	165 * 95 * 175	165 * 95 * 175
Weight(g)	2000g	2000g	2000g	2000g



## DIGITAL BLASTING MACHINE BLOCK DIAGRAM



### DUAL FUNCTIONAL SAFETY KEY & CIRCUIT TESTER ST-15

Model	ST-15
Power Source	3V LITHIUM BATTERY
Function	SAFETY KEY & CIRCUIT TESTER
Test Current	DC 150 $\mu$ A
Weight	32g



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**KEY SWITCH**  
Security  
Maintenance



**No need to replace the battery**



**OLED display**



**Micro Controller Unit**



**Full charge LAMP & ALARM**



**SMART DIGITAL AUTOMATIC CHARGER XBC-12D (Optional)**



**XB-100D**



**XB-200D**



**XB-300D**



**XB-500D**

Model	XB-100D	XB-200D	XB-300D	XB-500D
Output voltage	DC 1200V	DC 1500V	DC 1500V	DC 1500V
Input voltage	DC 6V DRY BATTERY	DC 6V DRY BATTERY	DC 6V DRY BATTERY	DC 6V DRY BATTERY
Charging time	4 /SEC, 2 /SEC	5 /SEC, 3 /SEC	10 /SEC, 4 SEC	15 /SEC, 6 /SEC
Output energy	11 JOULES	16 JOULES	32 JOULES	47 JOULES
Size(mm)	165 * 95 * 175	165 * 95 * 175	165 * 95 * 175	165 * 95 * 175
Weight(g)	2000g	2000g	2000g	2000g





**XB-700D**  
Rechargeable Battery



**XB-1000D**  
Rechargeable Battery



**XB-1200D**  
Rechargeable Battery

Model	XB-700D	XB-1000D	XB-1200D
Condenser	60 uf	120 uf	150 uf
Closed circuit V	DC 1450 ±50(VOLTS)	DC 1450 ±50(VOLTS)	DC 1450 ±50(VOLTS)
Charging time	8 /SEC	15 /SEC	20 /SEC
Output energy	63 JOULES	126 JOULES	158 JOULES
Size(mm)	165 * 95 * 175	230 * 100 * 225	230 * 100 * 225
Weight(g)	2000g	3000g	3000g

# TINY BLASTING MACHINE XB-50

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## Subminiature Blasting Machine

**Explosion Proof  
& Water Proof**

**Hard Aluminum  
—Die Casting**

Model	XB-50
Condenser	68uF
Input voltage	9V ALKALINE BATTERY
Closed circuit voltage	450V DC
Charging tiem	3 / SEC
Output energy	6.9 J
Size(mm)	81 x 127 x 60 (mm)



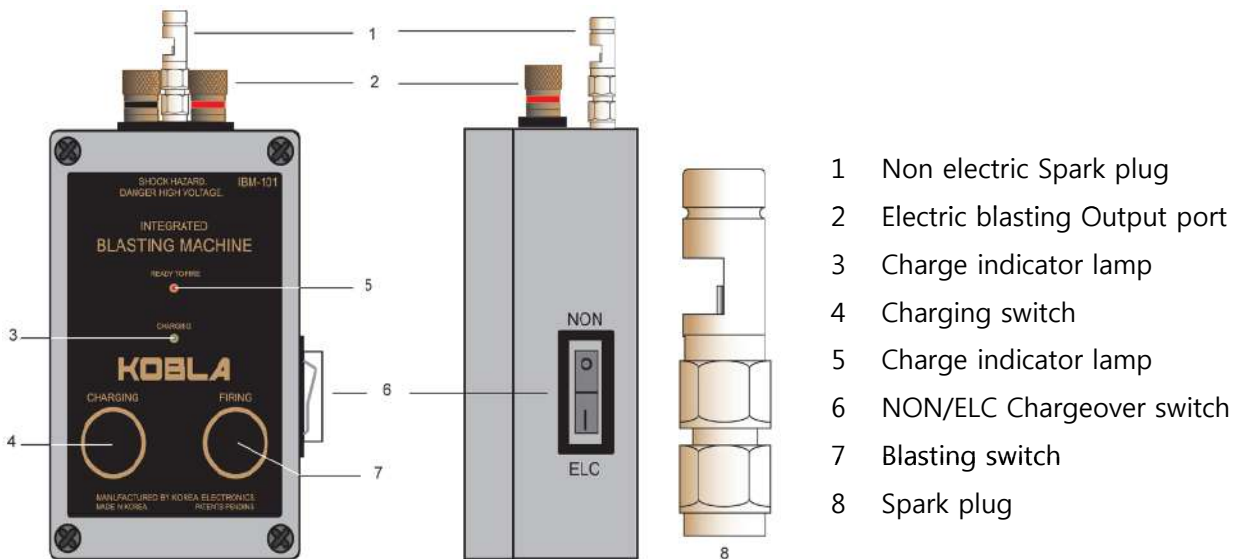
# INTEGRATED BLASTING MACHINE IBM-101

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## NON ELECTRIC + ELECTRIC

Model	IBM-101
Condenser	68uF
Input voltage	9V ALKALINE BATTERY
Closed circuit voltage	2500V DC (NON)
	450V DC (ELC)
Charging time	1 / SEC (NON)
	3 / SEC (ELC)
Output energy	16 J
Size(mm)	81 x 127 x 60 (mm)



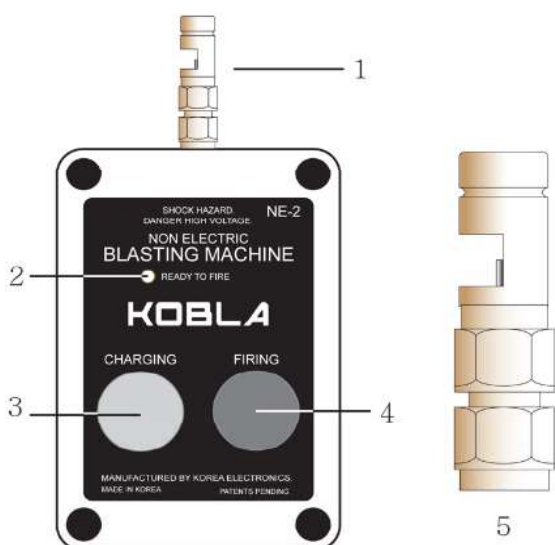
# NON ELECTRIC BLASTING MACHINE NE-2

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## NON ELECTRIC

Model	NE-2
Input voltage	9V ALKALINE BATTERY
Closed circuit voltage	2500V DC
Charging time	1 / SEC
Size(mm)	66 x 100 x 46 mm
Weight	408g



- 1 Non electric Spark plug
- 2 Ready to fire indicator lamp
- 3 Charging switch
- 4 Blasting switch
- 5 Spark plug

# DIGITAL BLASTING OHM METER XR-III

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Model	XR-III
Power Source	9V NEDA 1604 6F 22
Resolution	3.5 DIGIT (0~2000Ohm)
Response	2 reading /sec
Operating Temperature	-0 ~ +40 °C
Storage Temperature	-55 ~ 70 °C
Output Current	0.15mA
Output Voltage	0.5V
Allowance	1%
Size	77 x 100 x 32 (mm)
Weight	223g

# STRAY CURRENT DETECTOR CT-200

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Model	CT-200
Power Source	9V DRY BATTERY
TEST RANGE	AC 0~199.9 mA
Fuse	250V 1A
Response	3 READING/SEC
Size(mm)	80 x 130 x 35 (mm)



DUAL  
FUNCTIONAL

## SAFETY KEY & CIRCUIT TESTER

# ST-15

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Model	ST-15
Power Source	3V LITHIUM BATTERY
Function	SAFETY KEY & CIRCUIT TESTER
Test Current	DC 150 $\mu$ A
Weight	32g

## BLASTING CIRCUIT TESTER BCT-9005

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Model	BCT9005
Power Source	1.5V ALKALINE BATTERY
Type	Analog meter
Output current	250 $\mu$ A
Size(mm)	50 x 70 x 30 (mm)