

SPECIFICATONS

System Description

All MiniZap models include the hand held MiniZap (tripod mountable), ball and point tips, TPC-2 IEC OMNI-TIP™* proximity tip adapter, a safe IEC ground cable, AC adapter/battery charger, set of four built-in long life rechargeable batteries, and operator manual, all fitted into a soft carry case.

Feature

MZ-10

MZ-15

Voltage Range	±0.5 to ±10kV	±0.5 to ±15kV
Air Discharge	TRUE-ESD™ (<0.7 ns nominal rise time up to 4kV)	
Current Injec. (See notes 1,3)	FR/CI™ opt	FR/CI™ std
RC Networks (See note 2)	0.7 to 1.0 ns rise time independent of charge voltage; 3.75A/kV peak current, i.e. 30A @8kV	
Lock On	opt 15	std (w/safety interlock)
Rep. Rate	Both models offer single shot as well as 1/sec and 20/sec repetitive operation.	

Notes: (1)

Fast Rise Current Injection, FR/CI™ is relay actuated per the revised IEC Pub. 801.2. (Two million shot warranty on replaceable relay module in the MZ-15.)

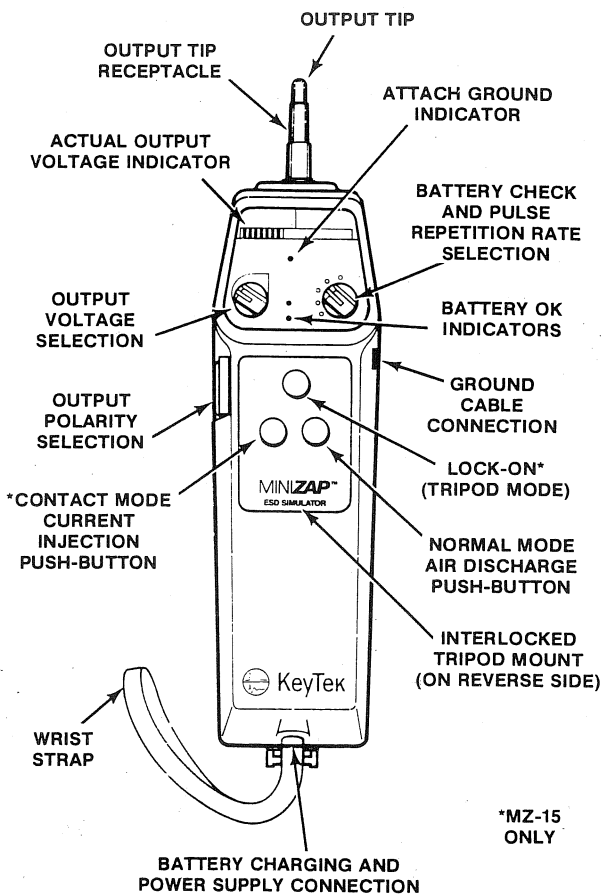
(2)

Consult factory for other RC network requirements.

(3)

The TPC-2 OMNI-TIP™ is specifically to meet the reduced requirements of the revised IEC 801.2 standard (namely 0.7–1.0ns rise time, and 3.75A/kV peak current).

The TPC-1 provides a much faster (< 350 ps) risetime wave, with higher peak (~ 5 to 8 A/kV), typical of actual, worst-case human discharge.



*MZ-15 ONLY

*U.S. Patent No. 4,721,899.

Figure 1
Typical MiniZap ESD S

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