

Technical Data

Device:

Display	LCD Graphical /256 x 64 pixels /Backlight
Construction	8,6 x 24,9 x 27,2 cm/ABS Plastic
Weight	< 5 Lbs (2.3 kg)
Face Plate	Lexan/Back printed
Operating Range	15 to 40 °C
Storage Range	-20 to 65 °C
Power Supply	Battery: 9 V DC [2 required.]/[NE 1604] Alkaline Power: BE 2006 PE[220 V AC] US BE 2006 PE[220 V AC] EU [10 V, 300 mA]

Measuring:

General	
Method	Biphasic
Load resistance	50 Ohm +/- 1% non-inductive(<1 μ H)
Display resolution	0.1 Joule
Measurement time window	100 ms
Absolute max peak Voltage	6000 Volts
Pulse width	100 ms

	Low Range	High Range
Voltage	< 1000 Volts	< 5000 Volts
Max current	24 Amps	120 Amps
Max energy	50 Joules	1000 Joules
Accuracy	+/-2% of reading for > 20 Joules +/-0,4 Joules for < 20 Joules	+/-2% of reading for > 100 Joules +/-2 Joules for < 100 Joules
Trigger level	20 Volts	100 Volts
Playback amplitude	1 mV/ 1000 V Lead I	1 mV/ 1000 V Lead I
Test pulse	5 Joules +/- 20%	125 Joules +/- 20%