

MIT 5kV and 10kV Cross sell sheet

Old legacy range to new range



Differentiating features		MIT510/2	NEW MIT515	Benefits of new product
Power Supply	Battery technology	Lead Acid	Lithium Ion	Longer service life AND battery is user changeable
	Battery charge time (hours)	14	2.5	Fast charge capability
Test Voltage	User set voltage lock range	✗	✓	Fast selection of non-standard test voltages
Test Range max.	Analogue (TΩ)	1	10	Better alignment with customer requirements
	Digital (TΩ)	15	10	
Measurements	User selectable voltage range AC / DC	✗	✓	Convenient voltage measurement capability
	Frequency (Hz) on voltage range	✗	✓	Can verify generator outputs and detect presence of induced voltage
Automatic tests	Polarization Index	✗	✓	Auto PI test for motor testing etc.
	Dielectric Absorption Ratio	✗	✓	Auto DAR test for low absorption insulation
Noise Rejection	mA	2	3	Can maintain test performance in high noise environments E.g. locations with up to approx. 220kV
Other Features	Settable T1 and T2 timers	✗	✓	Control of test duration
	Alarm Limit Mode	✗	✓	Fast testing to defined insulation minimum value
	Rotary range and voltage selection	✗	✓	
Environmental	Altitude (with CAT rating quoted)	2000m	3000m	Safe and accurate testing at altitude
Size	Dimensions L (mm)	360	315	24% reduction in size - easy to store / carry
	Dimensions W (mm)	305	285	
	Dimensions H (mm)	194	181	
Weight	KG	7.1	4.5	35% reduction in weight - easy to carry



Differentiating features		MIT520/2	NEW MIT525	Benefits of new product
		MIT1020/2	NEW MIT1025	
Power Supply	Battery technology	Lead Acid	Lithium Ion	Longer service life AND battery is user changeable
	Battery charge time (hours)	14	2.5	Fast charge capability
Test Voltages	User set voltage lock	✗	✓	Fast selection of non-standard test voltages
Auto test sequence	Ramp Test	✗	✓	Tests rotating machinery to IEEE95
Test Range max.	Analogue (TΩ)	1	10	Better alignment with customer requirements
	Digital (TΩ)	15	10	
Measurements	User selectable voltage range	✗	✓	Convenient voltage measurement capability
	Frequency (Hz) on voltage range	✗	✓	Can verify generator outputs and detect presence of induced voltage
Noise Rejection	mA	2	3	Can maintain test performance in high noise environments E.g. locations with up to approx. 220kV
Stored results	Screen review of stored test results	✗	✓	Easy on site review of stored test results
	Stored test result date/time	✗	✓	Identify test results and know exactly when they were performed
	Temperature field	✗	✓	Recording of test piece temperature (not measured)
	USB with "plug and play" driver	✗	✓	No need to install USB driver software
Other Features	Rotary range and voltage selection	✗	✓	Easy to use
Environmental	Altitude (with CAT rating quoted)	2000m	3000m	Safe and accurate testing at altitude
Size	Dimensions L (mm)	360	315	24% reduction in size - easy to store / carry
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