

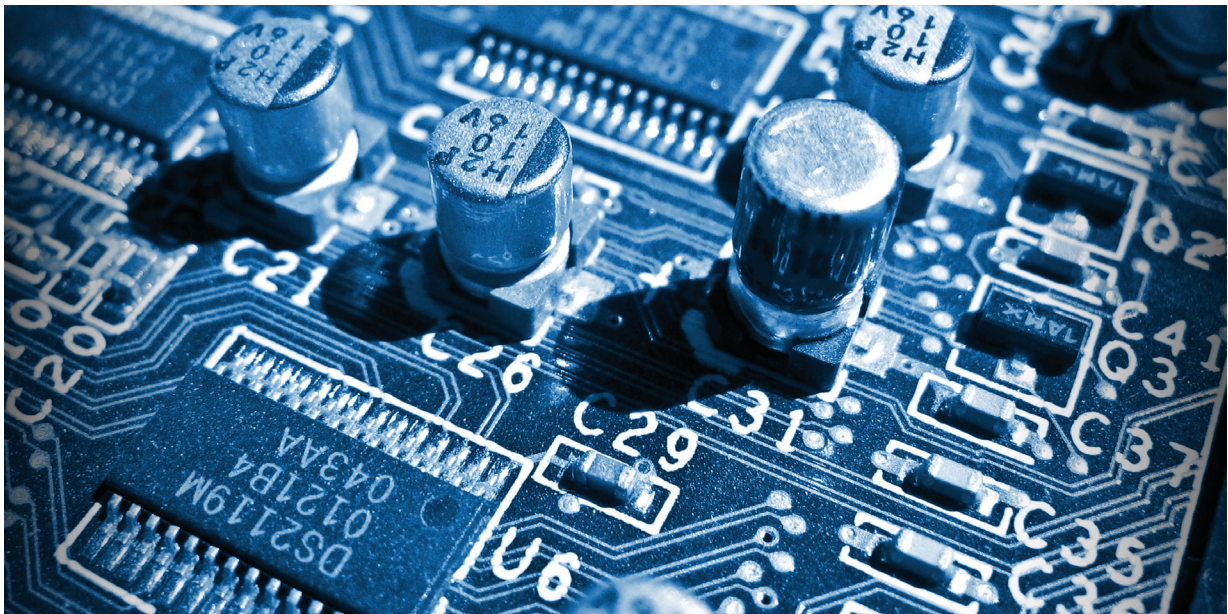


FST-140 Leakage Current Tester

FST-140 is a multifunction leakage current tester with internal power supply up to 260V/3A. It's also possible to use external power supply up to 300V/16A. Standard tests include L-PE- and N-PE-leakage current tests, but optionally also N cut-off-PE tests and a case leakage test are available.

It's easy to use and single fly wheel programming allows you to preprogram full test sequences also in manual or PLC-controlled automatic testing.

- In-line calibrated measuring module
- GPIB, RS-232, Ethernet or USB interface
- Internal power supply 0 - 260V / 3A / 50Hz
- Possibility to use external power up to 300V / 16A
- Measuring ranges 0 - 1mA or 0 - 10mA
- Easy to use fly wheel programming



FST-140 Leakage Current Tester

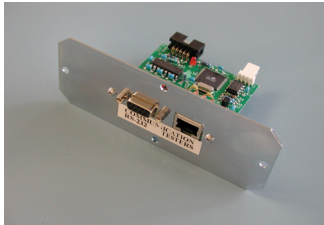
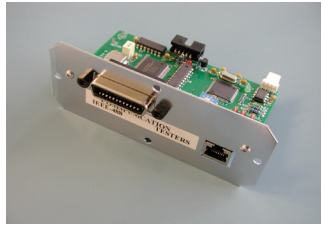
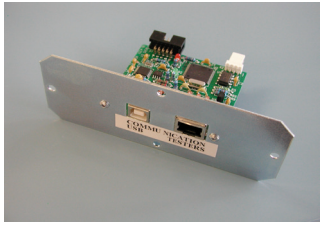
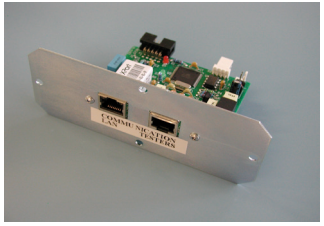

Technical Specification	
Input	230V AC or optionally 115V AC; 50Hz / 60Hz; 800VA
Output	
With internal power	0-260V / 3A AC
Without internal power	230V AC or optionally 115V AC
External power	300V AC / 16A max
Voltage measurement	0 - 300V AC, Digital
Internal current measurement	20A AC true RMS, Digital
Measuring Ranges	0 - 1,0mA and 0 - 10mA ranges, Digital + Analog
Accuracy	± 0.5% from the range plus 5 digits
Analog Display	± 2% from the range
Timer function	OFF or 1 - 60s with 0,1s steps
Test mode	3 different test modes available A1, A2 and B, each mode automatically includes polarity reversal. All combination of the test modes (A1, A2, A1+A2, B, A1+B, A2+B, A1+A2+B) can be selected
External connections	
Input 24V DC	Start, Stop, External safety loop, 2 programmable inputs
Output, closing relay	Test On, Test Failed
Output, change over relay	Discharge
Output NPN 24V DC / 100mA	2 programmable
Auxiliary power	24V DC, max. 100mA
Interfaces	GPiB, Ethernet, RS-232, USB
Dimensions	483mm x 410mm x 148mm (w x d x h)
	Rack19", 3U, 133mm without feet
Weight	23kg

ORDERING INFORMATION

Product Name	Art. No.
Leakage Current Tester FST-140 with internal power	2749
Leakage Current Tester FST-140 without internal power	2474
Measuring module for FST-140	3941

All specifications are subject to change without notice

FST-140 Leakage Current Tester - Optional Equipment

Picture	Description and Type	Article Number
	FST RS-232 Interface RS-232 for FST Series <ul style="list-style-type: none"> - Baud rate 19200, 8, N, 1 - RS-232 connector: D-9 female - RS-485 connector CAT 5 female 	2752
	FST GPIB Interface IEEE-488 for FST Series <ul style="list-style-type: none"> - IEEE-488.1-1987 and HS488 compatible - self adapting - 24 pole female connector - RS-485 connector CAT5 female 	2753
	USB Interface for FST Series <ul style="list-style-type: none"> - USB 1.1 and 2.0 compatible - USB connector type B female - RS-485 connector CAT5 female 	2159
	Interface Ethernet for FST Series <ul style="list-style-type: none"> - 10 / 100 Mbit Ethernet compatible - Ethernet connector CAT5 female - RS-485 connector CAT5 female 	5458
	PR1 / HV, ISO, PE, FU Schuko-Socket, 2m cable <ul style="list-style-type: none"> - PE-wire has separate sense line for 4-wire measurement - Separate HV-leads for functional testing - Max voltage 2500V - Instead of schuko socket other tes can be used 	1296

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