

# DATA SHEET

## Insulation and high voltage tester **IS 580F**



Insulation tester IS 580F  
Plug-in 19" / 4 HU

<b>Description</b>	Developed for the quick insulation measurement and high voltage test in automatic test systems. This is made possible through the analogue technology. All parameters are adjustable via the front panel and can be read-out analogue. With a separate measuring circuit the back measurement is implemented for contact monitoring.	
<b>High voltage test DC</b>	Voltage range	300 up to 3,000 V
	Current range	0 up to 2 mA
	Short circuit current	< 4 mA
	Residual ripple	< 3 %
<b>Insulation measurement DC</b>	Voltage range	300 up to 3,000 V
	Measuring range	0 up to 2 mA
	Measuring range option	0 up to 0.2 mA
	Residual ripple	< 3 %
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Quick evaluation due to analogue technique</li> <li>• Electronic source up to 3,000 V DC</li> <li>• Safety current limitation</li> <li>• Back measurement (4-wire technique for contact monitoring)</li> <li>• Minus pole grounded</li> <li>• All parameter are manually adjustable via the front panel</li> <li>• Potential-free interface</li> </ul>	
<b>General data</b>	Dimensions (HxWxD) and weight	222 x 483 x 369 mm / approx. 11.5 kg 8.7 x 19.0 x 14.5 in. / approx. 25.4 lbs.
	Mains supply	230 V / 50 Hz, option 115 V / 60 Hz
<b>Interfaces</b>	Test voltage	high voltage sockets
	Back measurement	high voltage sockets
	Earthing contact	potential-free
	Control inputs	24 V DC
	Control outputs	potential-free contacts
<b>Operation</b>	Adjustment buttons	analogue instruments