










## MILLIOHMMETER & MICROHMMETER

MICROHMMETER AND MILLIOHMMETER ARE LOW RESISTANCE METERS DEDICATED TO MEASURE AN OHMIC VALUE UNDER A DEDICATED CURRENT They are based on two main circuits : an extremely stable current source + a high impedance and very accurate voltage measurement system for real 4 wire measurement method (also called Kelvin method)

Sefelec Milliohmmeter & Microhmmeter range	Resistance range	AC or DC current	Accuracy	Temperature Compensation	Interface	Portative	Software (in option)
<b>Ground bond tester</b> <u>CXS40</u> 	1mΩ - 1,5Ω	5-40A AC	2,5%	No	RS232, GPIB, PLC, Ethernet in option	No	SXS Pro
<b>High Current switching matrix</b> <u>EXS3200-HC</u> 	-	40A AC & DC max	-	-	RS232, dry contacts, USB (option)	-	SXS Pro-EXS
<b>Milliohmmeter</b> <u>RCP2A (metallisation)</u> 	1 μΩ - 6Ω	100mA DC 10A DC	0,1%	No	RS232 included	Yes	RCP2A Pro
<b>Microhmmeter</b> <u>MGR10</u> 	0,1μΩ - 30kΩ	10μA DC 10A DC	0,03%	Yes	RS232 included, GPIB, PLC in option	See MGR10A	MGR10 Pro
<b>Microhmmeter</b> <u>MGR10A (on battery)</u> 	0,1μΩ - 30kΩ	10μA DC 10A DC	0,03%	Yes	RS232 included, GPIB, PLC in option	Yes	MGR10 Pro
<b>Microhmmeter</b> <u>MGR10B (for contact resistance)</u> 	10μΩ - 30kΩ	10μA DC 100 mA DC	0,03%	Yes	RS232 included, GPIB, PLC in option	No	MGR10 Pro

<p><b>Microhmmeter</b> MGR10C (pyrotechnic version)</p> 	100 $\mu\Omega$ - 30k $\Omega$	10 $\mu$ A DC 10 mA DC	0,03%	Yes	RS232 included, GPIB, PLC in option	No	MGR10 Pro
<p><b>Milliohmmeter</b> MO1</p> 	10 $\mu\Omega$ - 4k $\Omega$	0,1mA DC 100mA DC	0,05%	No	No	Yes	No
<p><b>MK Series</b> Clamping device</p> 	<p><u>1 meter linear measurement guides to measure cable section : from 0,1mm<sup>2</sup> to 2500mm<sup>2</sup></u></p>						