

Replacement Products

This table includes a list of older Keithley products and suggested replacement models that can be used to upgrade the capabilities of these older products. Many of these products are at or near the end of their serviceable life. To ensure adequate replacement, please review the replacement instrument's specifications in this catalog or on the Keithley Web site. If the suggested replacement does not meet specific application requirements or if the model being upgraded is not listed, check the Web site FAQs for upgrade options, or contact the Keithley Applications Department or your local Keithley representative for assistance.

OLDER MODELS	DESCRIPTION	SUGGESTED REPLACEMENTS
SOURCEMETER INSTRUMENTS		
237	Source-Measure Unit	2657A
2600A	System SourceMeter Instruments	2600B
ELECTROMETERS		
200, 200A, 200B, 210, 220	Electrometer Voltmeters	6514
236, 487, 610, 610A, 610B, 610C, 610R	Electrometers	6514, 6517B, 6487
236, 487, 614, 615, 616, 617, 6512, 6517, 6517A	Digital Electrometers	6514, 6517B, 6487
236, 486, 603, 604, 619	Dual Electrometers	6514, 6517B, 6485
640, 642, 642LN	10 ⁻¹⁷ A Electrometer	6430
PICOAMMETERS		
409, 410, 410A, 411, 414, 414A, 414S, 415, 480, 485, 486, 487, 614	Picoammeters	6514, 6482, 6485, 6487
412, 413, 26000	Log Picoammeters	6485
418, 419, 440, 445, 486, 487	Digital Picoammeters	6482, 6485, 6487
LOW VOLTAGE INSTRUMENTS		
140, 147, 148, 149, 150, 181, 182, 1801	Nanovoltmeters	2182A
150A, 150B, 155, 180, 181, 182, 303	Null Detectors	2182A
151, 151C, 153, 155	Microvoltmeters/Null Detectors	2182A
DIGITAL MULTIMETERS		
190, 191, 195, 195A, 199	DMMs (5½ digits)	2000, 2100, 2110, 2700, 2701
172, 172A, 173, 176, 178, 179, 179-20A	DMMs (4½ digits) (10µV)	2000, 2100, 2110, 2700, 2701
192, 193, 193A, 196, 197A, 199	System DMMs	2000, 2100, 2110, 2001, 2002, 2010, 2700, 2701
RESISTANCE MEASURING INSTRUMENTS		
164, 502, 502A, 505, 580	Milliohmeters	2010, 2750, 2182A + 2400, 622x + 2182A
487, 500, 501, 510, 515, 520, 6517, 6517A	High-Resistance Instruments	6517B, 6487
CURRENT SOURCES		
220, 224, 225, 236	Current Source	Series 2400, Series 2600B, 6220, 6221
261, 263	Current Source	6220, 6221, 6430
227, 228, 238	Current Source	2420, 2651A
VOLTAGE SOURCES		
237, 240, 240A, 241, 242, 247, 244, 245, 246, 2004, 2004A	High Voltage Supplies	248, 2410, 2657A
SWITCHES		
702	Scanner	7001, 2700, 2701, 2750
703, 706	Scanner	7002, 2700, 2701, 2750
705	Scanner	7001, 2700, 2701, 2750
707A, 708A	Mainframe	707B, 708B, 7001, 2700, 2701, 2750
7002-HD	Mainframe	3706A
SWITCHING AND CONTROL CARDS		
7036-D	7001/7002 Isolated Switch Card	7036
7037	7001/7002 Control Card	7037-D
7052	4×5 Matrix Switch Card	7012-S
7054	7001/7002 High Voltage Card	7154
7056	General-Purpose Scanner Card	7011-S, Integra 7702
7058	Low Current Scanner Card	7158, 7152, 7153, 6521 (with 6517A or 6517B), 6522 (with 6517A or 6517B)
7059	7001/7002 Low Voltage Card	7168
7064	Low Voltage Scanner Card	7168
7066	10-Channel Isolated Switch Card	7013-S, 7036, Integra 7705
7071	General Purpose 8×12 Matrix Card	7072
7074-D	707A/708A Multiplexer Card	7001/7002 with 7158
7075	Two-Pole Multiplexer Card	7001/7002 with 7158
7156-D	7001/7002 General Purpose Card	7011-C, 7701
7164-D	Dry Reed Scanner Card	7011-C
7999-4, 7999-5	RS-232 Switch/Controller	S46
SEMICONDUCTOR PROCESS MONITORING SOLUTIONS		
S400 Series, S600 Series, S900 Series	Parametric Test Systems	S530 Series

1.888.KEITHLEY (U.S. only)

www.keithley.com

KEITHLEY

A Greater Measure of Confidence

A Tektronix Company