

QuadTech Product Comparison

Sentry 30 Plus vs. Associated Research 3670



QuadTech Sentry 30 Plus



AR 3670

Function	QuadTech Sentry 30 Plus AC/DC/IR Hipot Tester	Associated Research (AR) 3670 AC/DC/IR Hipot Tester
AC Output	50-5000V	0-5000V
Voltage Accuracy	1% + 5V	2% + 5V
AC Leakage Current	20mA	20mA
Current Accuracy	1.5% + 5cnt	2% + 2cnt
Frequency (Selectable)	50/60Hz	50/60Hz
DC Output	50-6000V	0-6000V
DC Current	0-5mA	0-7.5mA
IR Output	50-1000V, 1% + 5V	30-1000V, 2% + 5V
IR Range	0.1M to 50G, 4% -12%	1M to 10G, 2% - 8%
Ground Continuity Check	No	0.1A ± 0.01A fixed 0.1Ω - 1.50Ω
Ground Continuity Mode	0.1A ± 0.01A	No
Display of Continuity Value	Programmable: 0.1Ω - 5Ω	
High/Low Trip Limits	0.001-20mA AC 0.1uA-5.0mA DC	0.00-20mA AC 0.1uA-7.5mA DC
Arc Detection	Yes	Yes
Electronic Ramping Up/Down	0.1 -999s	0.1-999.9s
Dwell Time (QT) & Delay (AR)	0.1 -999s DC/IR	0.3-999.9s IR
Test Time (QT) & Dwell (AR)	0.1 -999s	0.3-999.9s
Software Calibration	Yes	Yes
Line & Load Regulation	Yes	Yes
GFI	Yes	Yes
EN50191 3mA Limit	Yes	No
Pause Mode	Yes	No
Memory Locations/Steps	60 locations/10 Steps	10 locations/3 Steps
Front Panel Lockout	Yes	Yes
Remote	9-pin D: S/S/I/P/F/UT	9-pin D: T/R/I/P/F/UT/R
Safety Agency Rating	TUV/GS and CE	TUV/GS, UL, CE
Pricing	\$1895	\$2151

www.quadtech.com

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