

EXTECH IR THERMOMETERS

Adams A107F/A107S
Autoranging Multimeters + IR Thermometers
Autoranging multimeters with the convenience of a built-in IR thermometer

Common Features:

- ▲ Non-Contact infrared thermometer measures surface temperature of objects unsafe to contact or difficult to reach
- ▲ Infrared features 8:1 distance to target ratio with 0.95 fixed emissivity
- ▲ Easy to read large backlit display
- ▲ Complete with CAT III test leads, multi-position tilt stand, hanging strap, holster with test lead storage, 9V battery and Type K thermometer probe (EX470 only)

EX470 Additional Features:

- ▲ True RMS voltage and current readings
- ▲ Built-in Type K thermometer
- ▲ Capacitance, Frequency and Duty Cycle functions



Adams Part #A107S
(Extech Part #EX450)

Adams Part #A107F
(Extech Part #EX470)

SPECIFICATIONS		
Model	A107S/ EX450	A107F/ EX470
Display Counts	2000	4000
True RMS	No	Yes
DC Voltage Ranges	0.1mV to 600V (DC)	0.1mV to 600V
AC Voltage Ranges	1mV to 600V (AC)	0.1mV to 600V
Basic DCV Accuracy	±0.5%	±0.3%
AC/DC Current Ranges	0.1mA to 20A	
Resistance Ranges (W)	0.1W to 20MW	0.1W to 40 MW
Capacitance Ranges	—	0.01nF to 100mF
Frequency	—	5.000Hz to 10.00MHz
Duty Cycle	—	0.1 to 99%
Temperature (Type K)	—	-4 to 1382°F (-20 to 750°C)
Temperature (Infrared)	-4 to 518°F (-20 to 270°C)	
Diode/Continuity	Yes	
UL Rating	Cat III-600V	
Dimensions/Weight	7.4" x 3.2" x 2" / 0.75lbs	

Non-Contact IR Thermometers
Provide fast, easy and accurate readings for most surface temperature measurements

- ▲ Simply point at objects being measured
- ▲ Laser point provides aim
- ▲ Ideal for measuring hot spots in electrical panels
- ▲ Automatic data hold when trigger is released
- ▲ Fixed 0.95 emissivity covers 90% of surface applications
- ▲ Complete with battery

SPECIFICATIONS		
Model	A107AB / IR201	A107C/ 42510
Range	-58 to 518°F (-50 to 270°C)	-58 to 1000°F (-50 to 538°C)
Basic Accuracy	±2.5%	±2%
Max RPM Resolution	1	0.1<200
Emissivity	0.95	0.95
Field of View (distance to target)	6:1	8:1
Backlit Display	No	Yes
Battery	Two AAA	One 9V
Dimensions	3.7" x 2" x 1"	3.2" x 1.6" x 6.3"
Weight	2.7oz	6.4oz



Adams Part #A107AB
(Extech Part #IR201)

Adams Part #A107C
(Extech Part #42510)