

IR Thermometer and Heat Flow Meter Kit

Dual Purpose Energy Conservation and Plant Maintenance

OS-650 KIT

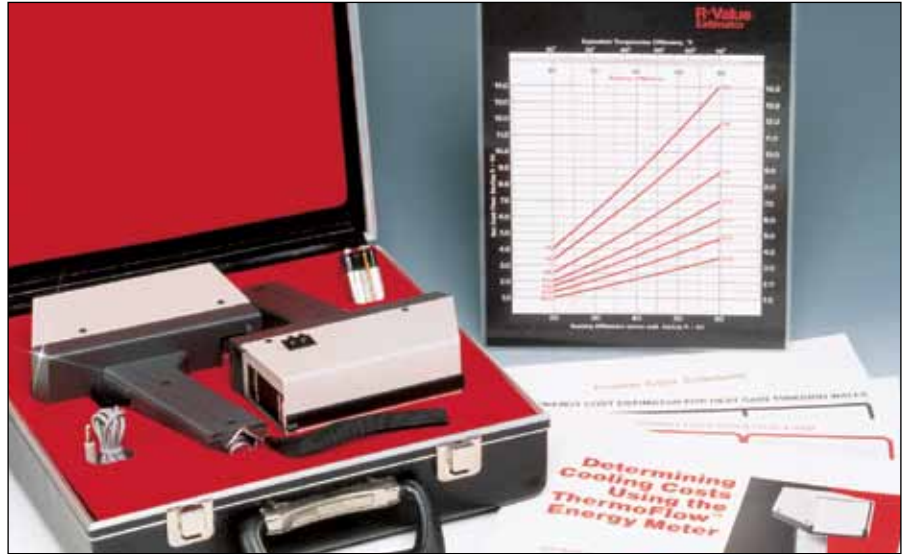
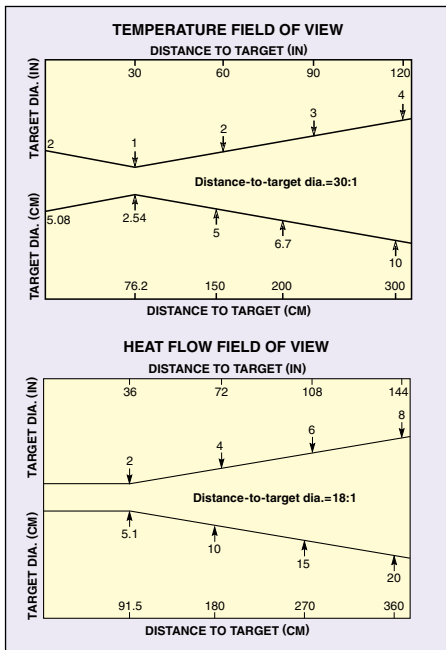


- ✓ Non-Contact Digital Infrared Thermometer and Energy Meter
- ✓ Measures Temperature and Heat Flow
- ✓ -29 to 1093°C (-20 to 2000°F)
- ✓ Peak Hold
- ✓ Locate Insulation Defects
- ✓ Easy to Use!

Manual Examples For:

- ✓ R-Values
- ✓ U-Values
- ✓ Determination of Heating/Cooling Costs
- ✓ Energy Loss/Gain Through Walls/Windows

OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.



The OS-650 kit is designed to perform energy audits, insulation inspection, and general plant maintenance. The temperature meter uses a non-contact sensor to measure temperatures, while the heat flow meter is an infrared radiometer designed to detect

insulation defects, estimate R-values, and measure heat loss through building walls, windows. LCD readouts show temperature and heat flow data which are readily translated into information to determine energy costs.

Specifications	Temperature Meter OS-651	Heat Flow Meter OS-652
Range	-29 to 1093°C (-20 to 2000°F)	0 to 1999 BTU, scan mode 0 to 199.9 BTU, differential mode
Accuracy	±1% rdg ±1 digit	
Repeatability	±0.5% rdg ±1 digit	
Resolution	1°F/1°C	1 BTU, scan mode 0.1 BTU, differential mode
Minimum Spot Size	1" Dia. at 30" distance	2" Dia. up to 36" distance
Response Time	1 second	1 sec in scan mode 3 sec in differential mode
Spectral Response	8 to 14 microns	
Power Source	9V alkaline battery (included)	
Battery Life	200 hours	150 hours
Ambient Temp	4 to 43°C (40 to 110°F)	-18 to 43°C (0 to 110°F)
Size	15 H x 23 W x 6 cm D (6 x 9 x 2.5")	
Weight	0.9 kg (2 lb)	0.9 kg (2 lb)

To Order	
Model No.	Description
OS-650	Energy conservation and plant maintenance kit
OS-651	Temperature meter only
OS-652	Heat flow meter only

Kit comes complete with both temperature and heat flow meters, rugged carrying case, 9V battery, and operators manual which includes heating and cooling cost estimation.

Ordering Example: OS-650, energy conservation and plant maintenance kit. OCW-3, OMEGACARESM extends standard 2-year warranty to a total of 5 years.