

elcometer® 214 Infrared Digital Thermometer



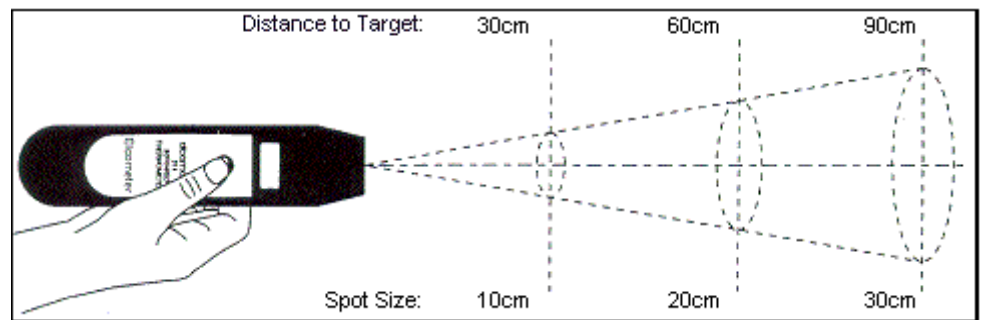
Features

The Elcometer 214 Infrared Digital Thermometer is a hand held battery operated instrument, which safely and accurately measure surface temperature of non reflective materials using non-contact infrared technology.

- Infrared technology allows fast, non contact temperature measurement which avoids surface contamination
- Lightweight

The Elcometer 214 Infrared Digital Thermometer has a spot ratio of 3:1. The closer you get to the object under inspection, the smaller the spot size and hence the more accurate the reading.

The diagram explaining optic (spot) ratios is shown below.



Specifications

Temperature Range	-18 to 315°C
Resolution	1°C
Accuracy	±2% of reading or 2°C
Ambient Temperature Range	10 to 52°C
Field of View	3:1 Optics Ratio with a 25mm Minimum Target
Repeatability	±0.5% of reading ±1 digit
Emissivity	Fixed at 0.95
Response Time	1 second
Display	3 digit – 10mm Liquid Crystal Display
Battery Type	9V MN1604 Alkaline Battery
Battery Life	Approximately 100 hours
Case Dimensions	184 x 43 x 19mm
Instrument Weight	77g without battery

Part Numbers

Model	Description	Part Number
Elcometer 214	Elcometer 214 Infrared Digital Thermometer	G214----1

