



KD INSTRUMENTS

SALES - SERVICE - MANUFACTURE

6-8 HARVARD WAY, CANNING VALE, WESTERN AUSTRALIA 6155

TELEPHONE: 61 (08) 9455 2298 FACSIMILE: 61 (08) 9455 2715

INTERNET: WWW.kdinstruments.com.au EMAIL: sales@kdinstruments.com.au

With compliments from the team at KD INSTRUMENTS

Specifications

	Fluke 66	Fluke 68/68IS*
Temperature range	-32 to 600 °C (-25 to 1100 °F)	-32 to 760 °C (-25 to 1400 °F)
Accuracy (assumes ambient operating temperature of 23 °C [73 °F])	-32 to -26 °C (-25 to -15 °F): ±3 °C (±5 °F) -26 to -18 °C (-15 to 0 °F): ±2.5 °C (±4 °F) -18 to 23 °C (0 to 73 °F): ±2 °C (±3 °F) For targets above 23 °C (73 °F): ±1 % or reading or ±1 °C (±2 °F), whichever is greater	
Repeatability	±0.5 % or ≤ ±1 °C (±2 °F), whichever is greater	
Response time	≤ 0.5 second (95 % of reading)	
Spectral response	8 to 14 μm	
Emissivity	Digitally adjustable emissivity (from 0.1 to 1.0 by 0.01)	
Ambient operating temp.	0 to 50 °C (32 to 120 °F)	
Relative humidity	10 to 90 % RH non-condensing, at <30 °C (86 °F) ambient	
Storage temperature	-20 to 60 °C (-13 to 158 °F) without battery	
Dimensions	200 x 160 x 55 mm (8 x 6 x 2 in.)	
Weight	320 g (11 oz.)	
Power	9 V alkaline or NiCd battery	
Batter life (alkaline)	20 hours with laser and backlight on 50 % 40 hours with laser and backlight off	
Laser sighting (Class II)	Offset single point laser point	
Typical distance to target	5 m (15 ft.)	8 m (25 ft.)
Distance to Spot (D:S)	30:1 at focus point	50:1 at focus point
MIN, MAX, AVG, DIF Temperature display	•	
Data logging	12 points	
Probe jack	•	
Display hold (7 seconds)	•	
Hi/Low alarm	•	
LCD backlit	•	
Temperature display	°C or °F selectable	
Display resolution	0.1 °C (0.1 °F)	
Hard carrying case	•	
Locking trigger	•	
Tripod mounting	6.35 mm (.25 in.) 20 UNC threading	
Warranty	2 years, conditional	