SPECIFICATION SHEET





## Overview

The QHT-10 Thermal Monitoring Kit is a flexible heat flux and temperature monitoring solution, an ideal option for research and engineering applications as well as manufacturing control and monitoring processes.

Easy to set up and use, the QHT-10 comes housed in a weather-resistant case and is equipped with a long-life battery and an ultra-high-resolution data logger that can store up to 4 million data points.

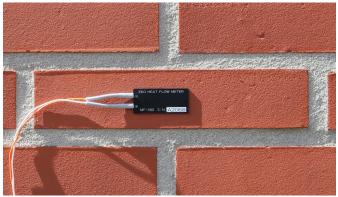
Including thin and sensitive EKO MF-180 Heat Flux Sensors and highly accurate 4-wire RTD Temperature Sensors, the QHT-10 comes in three configurations; the dual 'Heat Flux' model 'HH', the dual temperature model 'TT' and the mixed model 'HT'.



#### **General Specifications**

Number of measurement points	2
Logger operating temperature range	-40 to +90°C
Data storage	4 Million Data points
Datalogger battery life	Interval: >1min : 4 years - 10s : 230 days
Battery type of the data logger	Lithium type SL-750/S
nterface	USB to PC
Software	InfraLog 5
Neasurement unit IP level	IP66, IP68
ransport case IP level	IP67
Veight (measurement unit)	0.335 kg
Neight (incl transport case)	1.55 kg
Dimensions (measurement unit)	113 x 80 x 60 mm
Dimensions (transport case)	270 x 240 x 120 mm

Heat flux sensor type (Models HH and HT)	EKO MF-180
Heat flux sensor nominal sensitivity	approx. 28 µV/W/m²
Heat flux range	±1500 W/m²
Heat flux sensor temperature range	-30 to 120°C
Temperature sensor type (Models HT and TT)	PT-1000, 4-wire
Temperature sensor accuracy	1/10 DIN class
Temperature sensor range	-60 to 180°C
Sensor cable length	3 m



MF-180 Heat Flux Sensor

# QR

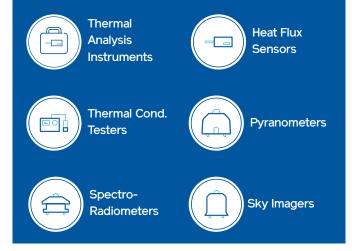
Use the QR code to visit our website, contact our team, or to find out more about the **QHT-10**, other related products, and the full range of industryleading EKO sensors and instruments.



#### **Explore EKO**

Made in Japan for over 90 years, EKO solar energy sensors and environmental instruments are built on a legacy of innovation, an uncompromising commitment to quality, and industry-leading accuracy.

With a range of products and services to suit every project or application requirement, explore EKO now, or get in touch to find out how EKO Instruments can help you.



# EKO Instruments Co. Ltd

info@eko.co.jp +81-3-3469-6713

**EKO Instruments Sales India** 

info@eko.co.jp +91 9869047721

### EKO Instruments Europe B.V. info@eko-eu.com +31-0-703050117

EKO Instruments Sales China

info@eko-chn.com +81-3-3469-6713

## EKO Instruments USA Inc. info@eko-usa.com +1-408-977-7751

eko-instruments.com