

+ Quick Guide

Omniport 40 - Multifunctional Hand-Held Meter

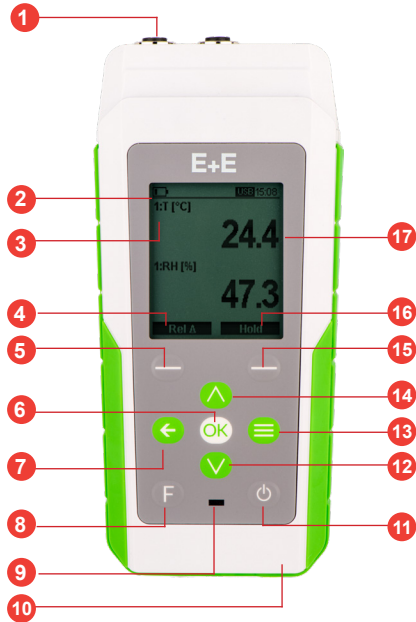


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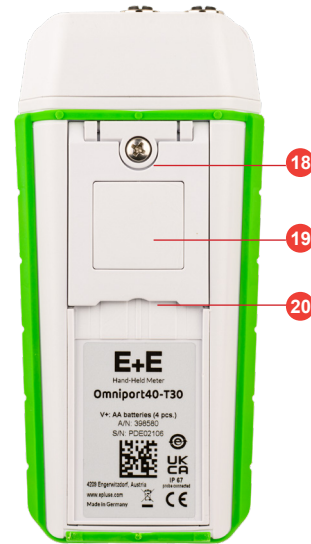
i PLEASE NOTE

Connect the probe to the Omniport 40 before starting. Turn off the hand-held meter before switching between process and hand-held probes and use the appropriate cable for each probe. Failing to do so may impact on the automatic probe recognition.

Front Side



Back Side



No.	Function
1	2x Probe connection
2	Status bar symbols ¹⁾
3	Input number, measured parameter and measurement unit
4	Function corresponding to left function button
5	“Left function” button
6	“OK” button: confirms selection
7	“←” button: cycles through the display modes (e.g. 2-line, stat., diagram,...) or move up one menu level
8	“F” button: favorites list
9	Status LED
10	USB-C port
11	“ON/OFF” button
12	“Down arrow” button: scrolls down a list or decreases a parameter value
13	“Menu” button
14	“Up arrow” button: scrolls up a list or increases a parameter value
15	“Right function” button
16	Function corresponding to right function key
17	Measured value
18	Battery compartment fixing screw
19	Magnet
20	Foldable stand

1) Status Bar Symbols	Description
	Battery charge level
	External power supply connected
	External power supply connected, missing or wrong batteries
hld	Hold function active
rec	Logging in progress
al.	Alarm
lck	Omniport 40 is locked
USE	Omniport 40 connected to PC
9:27	Current time
cor	Adjusted probes connected connected to Omniport 40

Find this document and further product information on our website at www.epluse.com/omniport40.



Suitable Probes and Cables

Connection cable for hand-held probe (unshielded)

2 m (6.6 ft) - HA010813

Hand-Held Probes

AVP201H - v and T Hand-Held Probe for HVAC Applications
 AVP301H - v and T Hand-Held Probe up to 20 m/s (4 000 ft/min)
 AVP401H - v and T Hand-Held Probe up to 2 m/s (400 ft/min)
 HTP201H - RH and T Hand-Held Probe for HVAC Applications
 HTP401H - RH and T Hand-Held Probe up to 100 °C (212 °F)
 HTP701H - RH and T Hand-Held Probe up to 180 °C (356 °F)
 MOP301H - MIO Immersion Hand-Held Probe up to 120 °C (248 °F)
 MOP302H - Short MIO Hand-Held Probe up to 120 °C (248 °F)

Connection cable for process probe

1 m (3.28 ft) - HA040908

Process Probes

EE072 - RH and T Probe
 EE074 - T Probe
 EE671 - v Probe
 EE680 - v and T Probe for Laminar Flow
 EE872 - Modular Probe for CO₂, RH, T and Ambient Pressure
 HTP501 - RH and T Probe up to 120 °C (248 °F)
 MOP301 - MIO Probe up to 120 °C (248 °F)
 TDS401H - Td Probe down to -60 °C (-76 °F)

Power supply

- 4x AA rechargeable NiMH batteries (included in the scope of supply)
- 4x AA non-rechargeable batteries
- Extern 5 V DC via USB C (Power supply unit or PC-USB connection)

Connection to the PC

To transfer the logged data or advanced settings, the device can be connected to the PC via the USB-C connection cable (included in the scope of supply).

Ensure that the correct USB mode is set:

USB Mode Settings

.COM mode	Data download. Advanced settings with the PCS10 Product Configuration Software. Free download from www.epluse.com/pcs10 .
Mass storage	Download the logger file csv. No software is required.

The rechargeable batteries are charged whenever Omniport 40 is connected to the PC

i PLEASE NOTE

The following issues must be observed for accurate measurements.

Use the device under the climatic conditions specified in this document:

- Operation: -5...+50 °C (+23...+122 °F), 0...85 %RH non-condensing
- Storage: -25...+65 °C (-12...+149 °F) (without rechargeable battery)

Use the device in places without:

- Rapid ambient temperature variations that may cause condensation.
- Direct vibrations/shocks to the device.
- High-intensity electromagnetic fields or static electricity.

NOTICE

- Due to the integrated magnet, a safe distance must be kept from devices that can be damaged by magnetism.
- Remove batteries to prevent leakage if the device is stored at a temperature above 50 °C (122 °F) or not used for an extended period of time.

! DANGER

- Due to the integrated magnet, a minimum distance of 20 cm (7.9") must be maintained between a pacemaker and the hand-held meter
- Do not short-circuit.
- Do not expose the batteries to high temperature.
- Do not throw the batteries into fire.

E+E Elektronik Ges.m.b.H.

Langwiesen 7
 4209 Engerwitzdorf | Austria
 T +43 7235 605-0
 F +43 7235 605-8
 info@epluse.com
 www.epluse.com

