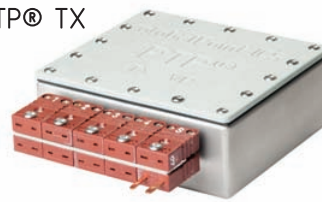


# PTP® VP-8

PTP® TX



PTP® RX



The “PTP® VP-8” is a complete thermal profiling solution for the vapor phase solder process, using the award winning, M.O.L.E.® MAP software, in combination with the German-Engineered PTP® Vapor Phase profiler. This match-up provides all the power & analytics you will need to Characterize and Verify the key process parameters for your complex & disparate, or high-mass PCB assemblies.

Proponents of Vapor Phase solder offer two consistent themes:

1. Vapor Phase facilitates more consistent thermal processing & potential for higher yields.
2. Profiling is still a necessity to ensure process control & provide customer documentation of proper process conditions, on what are potentially more elaborate PCB assemblies.

## ANALOG INPUTS

8 Channels: Type K T/C, Standard High Temp Mini

## COMMUNICATIONS

Interface: USB 2.0 Compliant

PTP® TX Com/Charge Cable: USB Type A to Custom, 1 meter

PTP® RX Com Cable: USB Type A to Type B, 1 meter

## DATA ACQUISITION

Sampling Interval: 0.1 seconds minimum

Accuracy (at room temperature):  $\pm 0.5^{\circ}\text{C}$  ( $0.9^{\circ}\text{F}$ )

Resolution:  $0.07^{\circ}\text{C}$  ( $0.14^{\circ}\text{F}$ )

Temperature Measurement Range:  $0\text{-}300^{\circ}\text{C}$  ( $-32\text{ to }572^{\circ}\text{F}$ )

Operational temperature range (Internal):  $+60^{\circ}\text{C}$  ( $140^{\circ}\text{F}$ ) max

## PHYSICAL

Dimensions - PTP® TX:

- Width: 90mm (3.54in)
- Length: 100mm (3.94in)
- Height: 50mm (1.97in)

Dimensions - PTP® RX:

- Width: 64mm (2.52in)
- Length: 86mm (3.37in)
- Height: 25.4mm (1.0in)

## COMPLIANCE



RoHS  
2002/95/EC



The PTP® VP-8 electronics are produced according to the RoHS Directive (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment).

## POWER

Power Supply (PTP® TX): Rechargeable Lithium Ion / USB Recharge

Power Supply (PTP® RX): USB

PTP® RX RF- Output power: 20dBm maximum

PTP® RX RF- Output frequency ISM Band: 2.402 -2.480 GHz (Bluetooth™)

PTP® RX RF- Transmitting Range (within machine) >5 m (16.4ft)\*

\*The range of the PTP® VP-8 system varies with the RF environment.

Bluetooth™ is a trademark owned by the Bluetooth™ SIG, Inc.  
PTP® is a registered trademark owned by the globalPoint ICS GmbH.

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