

Feature

- Memory capacity up to 20,000 records
- Anti-freeze media correction
- Working with projects
- Project measuring with the possibility of printed balancing report
- Li-ion rechargeable battery with USB charger
- Mini USB PC interface
- Ergonomic device case
- QVGA RGB 2.2 inch, 240 x 320 pixel backlight display
- Memory capacity up to 1,200 valves
- Simple valve detection by valve image
- Programmable recording of measured values
- IP65 cover



Description

T550 uses an integrated pressure differential sensor for exact measuring of static pressure and differential pressure while also displaying REAL time GPM in Hydronic systems. The flow from the hydronic system is calculated from the preprogrammed characteristics (Cv) of the balancing valves. Valve Cv can also be manually selected.

Specification

Nominal pressure range (psi / kPa)	145 / 1,000
Maximum overpressure	120% of nominal range
Linearity and hysteresis error	0.15% of NR
Temperature error	0.25 % of NR
Media temperature (°F / °C)	20 to 200 / -5 to 90
Operating temperature (°F / °C)	20 to 120 / -5 to 50
Storage temperature (°F / °C)	20 to 120 / -5 to 50
Power	Internal 900mAh rechargeable Li-Ion battery
Power consumption	80 mA with active display
Standby consumption	50 uA
Number of record	Max. 20,000
Number of valve manufacturers	Max. 20
Number of valves	Max. 1,200
Charging / Communication	Mini USB 5V/200mA
Display	320 x 240 pixels, 65K colors
Keypad	9 keys
Cover	IP65
Calibration validity	24 months
Dimension W x H x D (inch / mm)	7.09 x 3.15 x 2.05 / 180 x 80 x 52
Weight (lbs / g)	0.92 / 420



Usage

1. Connect the hoses to the valve (No air should be in the hoses for accurate measurement)
2. Turn on T550, press ZERO button, and follow the 3-step procedure shown on the display (You will be instructed to connect the two hoses to T550 during this procedure.)
 - * In case the device needs to be reset to zero, disconnect T550 from the hoses and repeat Step 2.
3. Press VALVE button, select RWV from the list of valve manufacturers, and press OK button. Select the valve model and size, and press OK button again. A picture of the valve model selected will be shown on the display for confirmation.
 - * In addition, for Variable Orifice valves, press PRESET button, input the current valve setting shown on the valve handwheel, and press OK button.
4. The T550 will display the flow rate and the differential pressure.