

# T7311 - RS232

Model: T7311

Temperature, Humidity, Dew Point, Barometric Pressure, Weight, Moisture, Enthalpy, and Air Quality  
 RS232 interface, LCD display



Table

Humidity	0 to 100%
Humidity Accuracy	±2.5% RH 5 to 95% at 23°C
Humidity Resolution	±0.4°C
Humidity Range	0 to 100%
Temperature Accuracy	±1.5°C (T < 25°C) / ±0.4°C (T > 25°C) -60 to +80 °C
Temperature Range	±1.5g/m <sup>3</sup> (T < 25°C) / 0 to 400 g/m <sup>3</sup>
Weight Accuracy	±2g/kg (T < 35°C) / 0 to 550 g/kg
Weight Range	±2g/kg (T < 35°C) / 0 to 995 g/kg
Enthalpy Accuracy	±3kJ/kg (T < 25°C) / 0 to 995 kJ/kg
Barometric Pressure Accuracy	600 to 1100hPa
Barometric Pressure Range	±(1,3hPa+0.06% of reading) at 23°C from 800 to 1100hPa
Barometric Pressure Resolution	hPa, kPa, mbar, mmHg, inHg, inH <sub>2</sub> O, PSI, oz/in <sup>2</sup>
Barometric Pressure Range	-30 to +80°C
LCD Display	0 to 99.99°C / 0 to 99.99% RH / LCD
Communication Protocol	ModBus RTU / Advantech ADAM
Communication Rate	110 to 115200 Bd
Probe Diameter	0.025mm - 0.05mm
IP Rating	IP54, IP40
Power Supply	9-30Vdc, 6mA
Cable Length	1m, 2m or 4m
Dimensions	88.5 x 114 x 39.5 mm (W x H x D), 88 mm, 18mm
Weight	290g - 1m
Warranty	3