

Density Meter



Hydrometers are available in three ranges. One of each is supplied with the Density Meter.



Range, Relative Density

Order Number

0.80 - 1.01@15°C
0.85 - 0.95@15°C
0.90 - 1.01@15°C

AS-K3-014-KW
AS-K3-015-KW
AS-K3-016-KW

- Confirm the qty of fuel delivered.
- Verify the correct grade of fuel delivered.
- Estimate the combustion performance (CCAI)
- Convert viscosity from Cp to Cst

Test:	Density
Temperature:	50°C and 70°C
Range:	800-1010 kg/m ³ @ 15°C (ISO 8217 Fuel Grades DMA to RML 55)
Test Time:	Heating from 15°C 10 mins Repeat test maximum 30 seconds Cleaning 1 minute
Calculations:	Density at 15°C in vacuo centiPoise to centiStokes Calculated Carbon Aromaticity Index (CCAI)
Accuracy:	Typically within +/- 0.1% (800-1010 kg/m ³)
Correlation:	ASTM D1298 IP160