

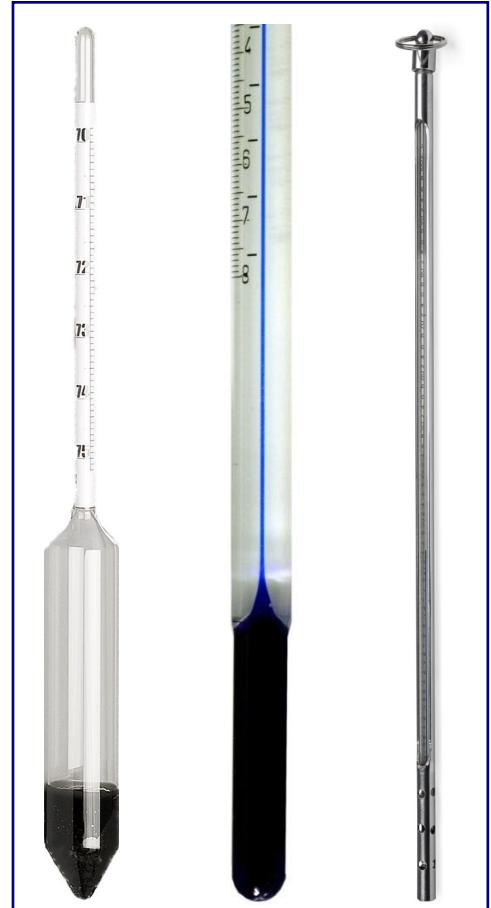
# DENSITY AND TEMPERATURE MEASUREMENT

## Hydrometers and Thermometers

We stock an extensive range of high quality oil company approved and JIG compliant hydrometers, and thermometers for checking the density and temperature of hydrocarbon fuels. Thermometers are all in accordance with IP/ASTM standards, and hydrometers are all in accordance with BS718M50SP. A manufacturer's Certificate Of Conformity is supplied with each instrument as standard, and a full UKAS calibration certificate (which is required when the instrument is to be used as a reference master against which working instruments are checked on site) is available at extra cost.

Blue spirit thermometers are non hazardous, environmentally friendly and are much easier to read than the Mercury equivalents. They can also be transported by courier or airfreight without special hazardous packaging and documentation. Our blue spirit thermometers are all fully IP/ASTM approved with the same level of certification and quality control as the equivalent Mercury instruments. The European Union has now banned the use of Mercury thermometers in order to help protect the environment and as such, cannot be supplied within the member countries. Mercury thermometers can still be supplied outside of the European Union and are available for purchase.

For further information please contact our Sales Department.



Type	Range	Increment	Length	Comments	Part No
Hydrometer BS718 M50SP @15°C	SG 0.775-0.825	SG 0.001	270mm	Jet A1	0902000090
Hydrometer BS718 M50SP @ 15°C	SG 0.700-0.750	SG 0.001	270mm	Avgas	0902000091
Hydrometer BS718 M50SP @ 15°C	SG 0.750-0.800	SG 0.001	270mm		0902000092
Hydrometer BS718 M50SP @ 15°C	SG 0.800-0.850	SG 0.001	270mm		0902000093
Hydrometer BS718 M50SP @ 15°C	SG 0.850-0.900	SG 0.001	270mm		0902000094
Thermometer ASTM12C/IP64C	-20 to +102°C	0.2°C	425mm	Blue Spirit filled	0902000080A
Thermometer IP49C	-15 to +40°C	0.5°C	315mm	Blue Spirit filled	0902000081A
Thermometer IP 53C	0 to +80°C	0.5°C	315mm	Blue Spirit filled	0902000100A
Thermometer Protective Sheath	Aluminium, suitable for ASTM12/IP64C				0902000085A
Thermometer Protective Sheath	Aluminium, suitable for IP49C and IP53C				0902000086A

**Hydrometer UKAS Certificate: 0902000097. Thermometer UKAS Certificate: 0902000083.**

# ACCESSORIES FOR DENSITY AND TEMPERATURE MEASUREMENT

We offer a range of accessories to complement our hydrometer and thermometer stocks, as follows.

## Plastic Hydrometer Jar

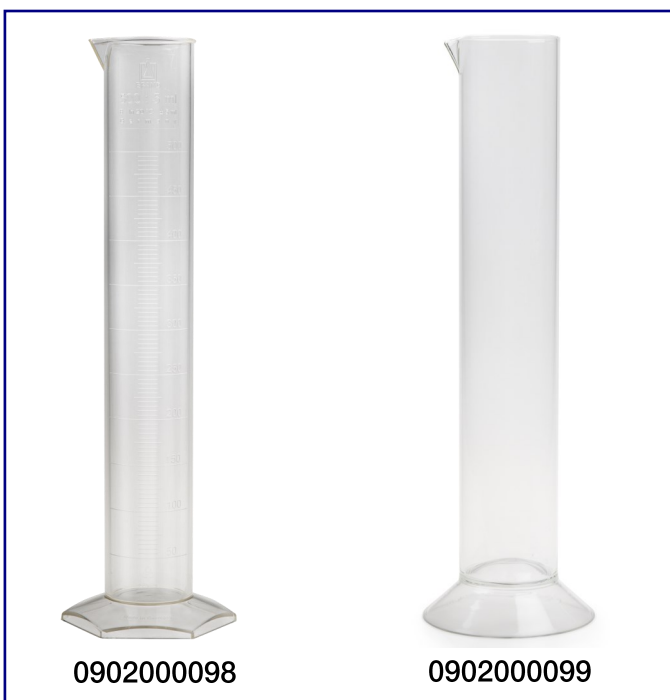
55mm diameter by 345mm long, transparent, with pouring spout, graduated. Capacity 500ml.

**Part Number: 0902000098**

## Glass Hydrometer Jar

65mm diameter by 350mm long with pouring spout, not graduated. Capacity 925ml.

**Part Number: 0902000099**



## Plastic Hydrometer Jar

43mm diameter by 370mm long, opaque. This unit is filled to the brim with fuel, and fuel is allowed to spill over into the catchment rim. The hydrometer reading is therefore taken at the fuel surface not through glass or plastic so avoids distortion of the reading. Capacity (full) 575ml.

**Part Number: 6002107300**



## Density Correction Disc

This is intended as a working device to be used for day to day density correction, and is a robust design, resistant to normal operational wear and tear.

**Part Number: 60022727EF**

