

Petroleum and Viscosity Testing

Automatic Vapour Pressure Tester - Reid Method, Demi Size: Model AVP-300



Model AVP-300 automatically measures **Reid vapour pressure (RVP)** utilising a miniaturised bomb. While ease of operation and smaller instrument size are achieved with the smaller size bombs, test results precisely agrees with that of the regular size Reid bomb.

*Compact size: Width is merely 400mm.

*Reliable/efficient see saw shaking mechanism

***related test stds:** ISO 3077,, ATSM D323, IP69 etc

***type:** bench top with 2,3 or 4 Demis size bombs

***range:**0 to 196kPa (2kgf/cm²)

***bomb:**stainless steel bomb with approx. 60% in length and 30% in volume of regular Reid bomb

***size/dry weight:** 400w x 600d x 740h (mom)/45kg

***power consumption:**2kW

Product no 13650/55

X-Ray Sulfur Meter - with 12 position carrousel: Model RX-620SA



Model RX-620SA determines **total sulfur in petroleum products using energy-dispersive X-ray fluorescence (EDXRF)** method, which is a quick, non-destructive, economical but yet accurate method. Once a sample is set, the total sulfur is determined automatically in 300 sec (typical). RX-620-SA is equipped with a 12-position carrousel, for higher productivity.

***test stds:** ISO 8754,, ATSM D4294,etc

***carrousel:** 12 positions

***repeatability:** 10ppm (as per ASTM D4294 designation)* at 0.008wt%

***size/weight:** 560w x 515d x 245h (mm)/29kg

***power consumption:**200W

*ASTM D4294 designates the repeatability in the range (r). In terms of standard deviation, 5ppm.

Product no 13650/56

X-Ray Sulfur Meter - Model RX-360SH



Model RX-360SH is a single test version of **X-ray sulfur meter** taking the same measuring principle as that of RX-620SA. Compact housing with a carrying handle and 2-way power source (100-240VAC pr 12VDC battery) allows such applications as spot checking in the field. The only consumables are a small piece of Mylar film and printing paper, making the running costs minimal.

***test stds:** ISO 8754,, ATSM D4294,etc

***range:** 0.003 to 6.00wt%

***repeatability:** 10ppm (as per ASTM D4294 designation)* at 0.008wt%

***size/weight:** 420w x 350d x 140h (mm)/12.5kg

***power consumption:**100W

*ASTM D4294 designates the repeatability in the range (r). In terms of standard deviation, 5ppm.

Product no 13650/57

Colourimeter for Petroleum Products - Model ACL-2



Model ACL-2 automatically determines **Saybolt, ASTM and other colours** utilising the **Tri-Stimulus method** prescribed in ASTM D6045, which generates equivalent test results with the conventional manual methods' with up to ten times better precision, in typically 10 seconds. Since no subjective judgement needs to be called, a perfect traceability is achieved.

***test stds:** ATSM D6045, JIS K2580

***Type:** Tri-Stimulus filter colourimeter

***Colour scales:** Saybolt, STM, Gardner and Platinum-Cobalt scales

***Sample cells:** glass cells or optional flow cells

***size/weight:** 400w x 400d x 190h (mm)/12.2kg

***power consumption:**130W

Product no 13650/58