

APPARATUS FOR THE DETERMINATION OF WATER SEPARABILITY OF PETROLEUM OILS AND SYNTHETIC FLUIDS ASTM D1401 - ISO 6614

The apparatus consists of a steel/aluminium box supporting the jar and an electric lift that permits to move the stirrer blade up and down in the test cylinder. The speed of the stirrer is continuously showed on a digital tachometer.



- Borosilicate glass jar, 250 mm deep.
- Anodized aluminium cover with six-position turntable for the insertion of the cylinders containing the samples: a positioning device permits to locate the cylinders exactly below the blade of the sample stirrer, avoiding breakings due to positioning mistakes.
- Electric lifting device for the stirrer support.
- Stainless steel heater.
- Electric sample stirrer: coaxial CC motor, no gears or belts.
- Digital tachometer which continuously shows the stirrer speed.
- Electronic timer which automatically stops the sample stirrer after 5 minutes stirring.
- LED lighting of the jar.
- Microprocessor controlled thermoregulator, PID action with built-in digital display 0.1°C accuracy. Probe: PT100 RTD. Regulation accuracy $\pm 0.1^\circ\text{C}$.
- Working range: from ambient to 100°C .
- Safety devices against overheating and low-level.
- Easy access control box containing all the electronics: anodized aluminium control panel with english written indications.
- English written user manual.
- For 220 V/50 Hz connections. Power consumption 800 W.
- Dimensions (l x w x h): mm 350 x 610 x 940 approx. Weight: kg 40 approx.
- CE marked.

AD1401-200 Apparatus

ACCESSORIES

CAL001 PT100 simulator
CAL003 Official Certificate for Pt100 simulator

CONSUMABLES

AD1401-C00 Graduate cylinder, Pyrex glass
TA009C-N00 ASTM 9C thermometer ($-5^\circ\text{C}/+110^\circ\text{C}$)
TA019C-N00 ASTM 19C thermometer ($+49^\circ\text{C}/+57^\circ\text{C}$)
TA021C-N00 ASTM 21C thermometer ($+79^\circ\text{C}/+87^\circ\text{C}$)

Specifications may vary without notice.

The apparatus includes the items listed aside the picture, accessories etc. should be purchased separately.

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