

CENTRIFUGE

TECHNICAL SPECIFICATIONS

Four place model for anti-vibration table, is equipped with a star wheel that has 4 rings swinging up to 90°, max. 2000 rpm speed, 482.6 mm maximum rotation diameter. Speed is regulated electronically and shown on a digital display. Centrifuging time is set by a digital timer which operates an electric brake (that can be excluded) when the test is finished, electric heating (that can be excluded) controlled by digital thermoregulator PID and overtemperature alarm. Max. temperature 80°C. The heater and the brake can be cut out. Lid fitted with safety device which stops the motor when the lid opens

power supply 220V 50/60Hz

stability: $\pm 1^{\circ}\text{C}$

power 2200W

temperature from ambient to 80°C

Dimensions: 60x76x62 (120 with cover open) cm

Weight: 75 kg

conform to ASTM D91, ASTM D96, ASTM D893, ASTM D1290, ASTM D1796, ASTM D1966, ASTM D2273, ASTM D2709, ASTM D2711, ASTM D4007, IP 75 (obs); IP 359; DIN 51793



ASTM D91 PRECIPITATION NUMBER OF LUBRICATING OILS

This test method covers the determination of the precipitation number of steam cylinder stocks and black oils, and can be used for other lubricating oils.

ASTM D96 (obs) WATER AND SEDIMENT IN CRUDE OIL BY CENTRIFUGE METHOD (FIELD PROCEDURE)

ASTM D893 INSOLUBLES IN USED LUBRICATING OILS

This test method covers the determination of pentane and toluene insolubles in used lubricating oils.

ASTM D1290 SEDIMENT IN WATER-EMULSION POLISHES BY CENTRIFUGE

ASTM D1796 WATER AND SEDIMENT IN FUEL OILS

This test method describes the laboratory determination of water and sediment in fuel oils in the range from 0 to 30 % volume by means of the centrifuge procedure.

ASTM D1966 (obs) FOOTS IN RAW LINSEED OIL (GRAVIMETRIC METHOD)

ASTM D2273 TRACE SEDIMENT IN LUBRICATING OILS

This test method covers the determination of trace amounts (less than 0.05 volume %) of sediment in lubricating oils.

ASTM D2709 WATER AND SEDIMENT IN MIDDLE DISTILLATE FUELS

This test method covers the determination of the volume of free water and sediment in middle distillate fuels having viscosities at 40°C (104°F) in the range of 1.0 to 4.1 mm²/s (1.0 to 4.1 cSt) and densities in the range of 770 to 900 kg/m³.

ASTM D2711 DEMULSIBILITY CHARACTERISTICS OF LUBRICATING OILS

This test method covers the measurement of the ability of oil and water to separate from each other. It is intended for use in testing medium and high-viscosity lubricating oils.

ASTM D4007 WATER AND SEDIMENT IN CRUDE OIL

This test method describes the laboratory determination of water and sediment in crude oils by means of the centrifuge procedure.

IP 75 (obs); IP 359; DIN 51793 WATER AND SEDIMENT IN CRUDE OIL BY CENTRIFUGE



ACCESSORIES

For ASTM D91

WATER BATH

BUCKET FOR CONE-SHAPED TUBE, pack of 4 pcs made of aluminum, included Polyurethane support for tube
CENTRIFUGE TUBE CONE-SHAPED, pack of 4 pcs 100 ml, 203 mm, div. from 0 to 0.5:0.05, from 0.5 to 2:0.1, from 2 to 3:0.2, from 3 to 5:0.5, from 5 to 10:1, from 10 to 25:5, from 25 to 100:25

WATER BATH RACK 4 positions

For ASTM D96

WATER BATH

BUCKET FOR PEAR-SHAPED TUBE, pack of 4 pcs made of aluminum, included Polyurethane support for tube
PEAR-SHAPED TUBE, pack of 4 pcs 100 ml, div. from 0 to 1.5:0.1, from 2 to 10:0.1, from 10 to 25:5, 50, 100
BUCKET FOR CONE-SHAPED TUBE, pack of 4 pcs, made of aluminum, included Polyurethane support for tube
CENTRIFUGE TUBE CONE-SHAPED, pack of 4 pcs 100 ml, 203 mm, div. from 0 to 0.5:0.05, from 0.5 to 2:0.1, from 2 to 3:0.2, from 3 to 5:0.5, from 5 to 10:1, from 10 to 25:5, from 25 to 100:25

BUCKET FOR CONE-SHAPED TUBE, pack of 4 pcs made of aluminum, included Polyurethane support for tube
CENTRIFUGE TUBE CONE-SHAPED, pack of 4 pcs 100 ml, 152 mm, div. from 0 to 0.5:0.05, from 0.5 to 2:0.1, from 2 to 3:0.2, from 3 to 5:0.5, from 5 to 10:1, from 10 to 25:5, 50, 100

WATER BATH RACK 4 positions

For ASTM D893

ELECTRONIC BALANCE Range 160 g., readout 0.001, pan Ø110

BUCKET FOR CONE-SHAPED TUBE, pack of 4 pcs made of aluminum, included Polyurethane support for tube
CENTRIFUGE TUBE CONE-SHAPED, pack of 4 pcs 100 ml, 203 mm, div. from 0 to 0.5:0.05, from 0.5 to 2:0.1, from 2 to 3:0.2, from 3 to 5:0.5, from 5 to 10:1, from 10 to 25:5, from 25 to 100:25

For ASTM D1796

WATER BATH

BUCKET FOR CONE-SHAPED TUBE, pack of 4 pcs made of aluminum, included Polyurethane support for tube
CENTRIFUGE TUBE CONE-SHAPED, pack of 4 pcs
100 ml, 203 mm, div. from 0 to 0.5:0.05, from 0.5 to 2:0.1, from 2 to 3:0.2, from 3 to 5:0.5, from 5 to 10:1, from 10 to 25:5, from 25 to 100:25

WATER BATH RACK 4 positions

For ASTM D2273

WATER BATH

BUCKET FOR CONE-SHAPED TUBE, pack of 4 pcs made of aluminum, included Polyurethane support for tube
CENTRIFUGE TUBE CONE-SHAPED, pack of 4 pcs 100 ml, 203 mm, div. from 0 to 0.01:0.005 from 0.01 to 0.05:0.01, from 0.05 to 0.5:0.05, 50, 100

WATER BATH RACK 4 positions

For ASTM D2709

WATER BATH

BUCKET FOR PEAR-SHAPED TUBE, pack of 4 pcs made of aluminum, included Polyurethane support for tube
PEAR-SHAPED TUBE, pack of 4 pcs 100 ml, div. from 0 to 1.5:0.1, from 2 to 10:0.1, from 10 to 25:5, 50, 100
BUCKET FOR CONE-SHAPED TUBE, pack of 4 pcs made of aluminum, included Polyurethane support for tube
CENTRIFUGE TUBE CONE-SHAPED, pack of 4 pcs 100 ml, 203 mm, div. from 0 to 0.01:0.005, from 0.01 to 0.05:0.01, from 0.05 to 0.5:0.05, 50, 100

WATER BATH RACK 4 positions

For ASTM D2711

BUCKET FOR CONE-SHAPED TUBE, pack of 4 pcs made of aluminum, included Polyurethane support for tube
CENTRIFUGE TUBE CONE-SHAPED, pack of 4 pcs
100 ml, 203 mm, div. from 0 to 0.5:0.05, from 0.5 to 2:0.1, from 2 to 3:0.2, from 3 to 5:0.5, from 5 to 10:1, from 10 to 25:5, from 25 to 100:25



For ASTM D4007

WATER BATH

BUCKET FOR CONE-SHAPED TUBE, pack of 4 pcs made of aluminum, included Polyurethane support for tube

CENTRIFUGE TUBE CONE-SHAPED, pack of 4 pcs 100 ml, 203 mm, div. from 0 to 0.5:0.05, from 0.5 to 2:0.1, from 2 to 3:0.2, from 3 to 5:0.5, from 5 to 10:1, from 10 to 25:5, from 25 to 100:25

WATER BATH RACK 4 positions

CONSUMABLES x 2 YEARS

POLYURETHANE SUPPORT, pack of 4 pcs x2

SPARE PARTS

HEATER

DIGITAL THERMOREGULATOR

DIGITAL RPM

DIGITAL TIMER

STATIC RELAY

BIPOLAR GREEN SWITCH

BIPOLAR YELLOW SWITCH