

# APPARATUS FOR THE DETERMINATION OF CORROSIVENESS AND OXIDATION STABILITY OF LIGHT OILS (METAL SQUARES) FTMS 791-5308

The apparatus consists of a benchtop steel case containing an aluminium thermostatic block with a series of holes for the introduction of the oxidation cells, a support for the flowmeters and a water dispenser for the condenser refrigeration.



Four-place unit

- Enamel finished benchtop steel case.
- Aluminium block bath with wells for test tubes.
- Stainless steel electric heaters.
- Microprocessor thermoregulator with built-in temperature display, 0.1°C accuracy. Probe: PT100 RTD. Regulation accuracy  $\pm 0.1^\circ\text{C}$ . Working range: from ambient to 300 °C.
- Safety device against overheating.
- Easy access control box placed on the right side of the apparatus and containing all the electronics and electrical parts. Aluminium control panel with english written indications.
- Oxygen inlet manifold with high precision variable area flowmeters with calibration certificate. Individual needle valves for regulating oxygen flow at  $5 \pm 0.5$  l/h
- Water inlet manifold with valve connections for the mushroom condensers.
- Water outlet manifold.
- English written user manual.
- For connection to 220V/50Hz. Power consumption 2000 W.
- CE marked.
- Four, six, eight and twelve-place units available.
- Version with mass flow controller and software also available.

F53084-100	Four-place unit. Dimensions (l x w x h): 640 x 430 x 1000 mm. Weight: 90 kg
F53084-110	Six-place unit. Dimensions (l x w x h): 760 x 430 x 1000 mm. Weight: 110 kg
F53084-120	Eight-place unit. Dimensions (l x w x h): 640 x 490 x 1000 mm. Weight: 130 kg
F53084-130	Twelve-place unit. Dimensions (l x w x h): 760 x 430 x 1000 mm. Weight: 160 kg

#### ACCESSORIES

CAL001	PT100 simulator
CAL003	Official Certificate for Pt100 simulator

#### CONSUMABLES

F53084-C00	Test tube
F53084-C01	Allihn condenser
F53084-C02	Oxygen delivery tube
F53084-C03	Set of four copper plates
F53084-C04	Set of four mild carbon steel plates
F53084-C05	Set of four aluminium alloy plates
F53084-C06	Set of four magnesium alloy plates
F53084-C07	Set of four cadmium plated steel plates
F53084-C08	Set of four silver plates
F53084-C09	Set of four solid cadmium plates (non standard)
F53084-C10	Set of four titanium plates (non standard)
F53084-C11	Pack of 10 sheets of abrasive paper 100 grit
F53084-C12	Pack of 10 sheets of abrasive paper 150 grit
F53084-C13	Pack of 10 sheets of abrasive paper 240 grit
F53084-C14	Abrasive powder, 0.5 kg

Specifications may vary without notice.

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



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