

# Oxidation Bath with Oxflo Controller 16900-7

ASTM D943; ASTM D2274; ASTM D4310; ASTM D7462; IP 157; IP 388; BS EN ISO 12205 & BS 2000-388 & ISO 12205; DIN 51 587; ISO 4263

The Seta Oxidation Bath is used for quantitative analysis of the tendency of oils and fuels to form sludge, acids and deposits when exposed to oxygen in the presence of metallic catalysts over extended periods.

- 6 position oil bath
- Reliable digital thermostir unit
- Seta Oxflo Controller and flowmeters included
- Low liquid protection
- Over temperature cut out



The 35 litre oil bath can accept up to six sets of glassware. The stirred oil is maintained to within  $\pm 0.1$  °C at 95 °C by an integral thermostir unit, that has been designed for continuous use over extended periods, incorporating a stirrer motor well recognized for longevity. The temperature measurement system uses a PT100 probe to ensure long term temperature stability without routine maintenance or re-calibration.

The separate Oxflo control unit includes a gas inlet pressure regulator, pressure gauge and six precision flowmeters calibrated for oxygen at 3 litres/hour, 21 °C and 0.4 bar pressure.

Safety features include low level liquid protection and over-temperature cut outs.

Specifications:	
Temperature range:	Ambient +5 °C to 150 °C
Stability:	$\pm 0.05$ °C
Bath type:	Oil filled
Bath capacity:	35 litres
Power:	1.5 kW
Voltage:	110/120 V, 50/60 Hz 220/240 V, 50/60 Hz
Size (HxWxD):	Bath: 64 x 36 x 33 cm Oxflo Control Unit: 46 x 35 x 26 cm
Weight:	Bath: 15 kg Oxflo Control Unit: 21 kg