

Oil Content Analyzer
OCMA-350

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MODEL	OCMA-350
Application	Oil contamination of fresh and salt water; soil analysis
Principle	Solvent extraction, NDIR analysis (infrared spectroscopy)
Detector	Pyroelectric sensor
Cell	Quartz cell, cell length 20 mm
Measuring range and unit	0 to 200mg/l, 0 to 1000mg/kg, 0 to 1 Abs.
Resolution	mg/l; 0 to 99.9mg/l; 0.1mg/l 100 to 200mg/l; 1mg/l mg/kg; 0 to 9.99mg/kg; 0.01mg/kg 10.0 to 99.9mg/kg; 0.1mg/kg 100 to 1000mg/kg; 1mg/kg Abs; 0 to 1000 Abs; 0.001 Abs
Repeatability	mg/l; 0 to 9.9mg/l; $\pm 0.4\text{mg/l} \pm 1$ digit 10.0 to 99.9mg/l; $\pm 2.0\text{mg/l} \pm 1$ digit 100 to 200 mg/l; $\pm 4\text{mg/l} \pm 1$ digit Abs; $\pm 1\%$ F.S.
Measurement	Manually controlled
Calibration	Automatic calibration after the calibration standard is introduced to the instrument
Extraction solvent	HORIBA S-316 solvent
Sample/solvent volume	Approx. 6.5 ml, ratio of sample to solvent is 1:1
Display	Measured value; 3 1/2 digits LCD with back-light Message; Character display LCD with back-light (16 x 2 characters)
Functions	Self diagnostics, Auto hold function, Calendar clock
Output	RS-232C and centronics printer port
Ambient temperature	0 to 40°C
Power requirement	100 to 240 V AC $\pm 10\%$, 50/60 Hz, 60 VA
Dimensions	200(H) x 250(W) x 285(D) mm 7.9(H) x 9.8(W) x 11.0(D) in
Weight	Approx. 5 kg/11 lb