

Thermo Scientific™ Orion™ AquaMate 7100 and 8100 Vis and UV-Vis Spectrophotometers, Thermo Scientific



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Thermo Scientific™ Orion™ AquaMate Vis and UV-Vis spectrophotometers offer more than 260 pre-programmed methods for all requirements of water and waste water analysis; thanks to numerous sophisticated features and functions, they guarantee maximum flexibility.

- More than 260 pre-programmed methods for easy and convenient measuring with Orion AQUAfast™, Merck™ or CHEMetrics™ chemicals
- Pre-programmed methods can be adjusted to new chemicals, or users can generate their own methods and calibration curves
- The devices allow for one-point adjustment of any pre-programmed method for correcting fluctuations in batch reagents
- 7" touchscreen can be operated when wearing gloves
- Wide variety of vials sizes can be used, including 10mm square vials, 20 and 50mm rectangular vials and an adjustable round vial holder that accommodates vials and test tube from 12 to 25 mm diameter
- Performance verification tests ensure wavelength accuracy and instrument functionality - each verification report gives the time, date and instrument serial number in accordance with GLP and GMP
- Built-in test methods for stray light, noise and resolution

Technische Daten:	AquaMate 7100	AquaMate 8100
Optical system:	double beam	double beam
Wavelength measuring range:	325 to 1100 nm	190 to 1100 nm
Spectral bandwidth:	5.0 nm	2.0 nm
Accuracy:	0.5 nm	0.5 nm
Light source:	Tungsten halogen lamp	xenon lamp
Interface:	3 x USB	3 x USB
Dimension (WxDxH):	385 x 355 x 195 mm	385 x 355 x 195 mm
Weight:	7.5 kg	7.5 kg
Power supply:	100 – 240 V, 50/60 Hz	100 – 240 V, 50/60 Hz

Article	Order No.
① Orion AquaMate 7100 Vis spectrophotometer	10 79 27100
② Orion AquaMate 8100 UV-Vis spectrophotometer	10 79 28100

