

Spectroquant® NOVA 30 A

Basic instrument for convenient waste water analysis with cell tests.

- Compact, robust and mobile when required
- Barcode reading system for cell tests
- AQA support and documentation
- Runs all important cell tests for waste water analysis

Spectroquant® Photometer NOVA 30 A		Ord. No. 1.09748.0001
Net version, incl. rechargeable battery, graphic display 128 x 64 pixel		
Wavelength	6 filters in array-technique with reference beam: 340, 445, 525, 550, 605, 690 nm \pm 2 nm, half band width 10 nm (30 nm for 340 nm)	
Photometric reproducibility	0.001 A at 1.000 A	
Photometric resolution	0.001 A	
Types of determination	Absorbance, concentration, transmission	
Measur. range of absorbance	-0,300 A to 3,200 A	
Lamp	Tungsten halogen lamp, preset, no warm-up time, measuring time 2 s	
Date/Time	real time clock integrated in the photometer	
Cell compartment	16 mm \varnothing cells	
Test recognition	AutoSelect function (bar-code reading system) automatic cell recognition	
Method-update	via Internet	
AQA	3 quality control modes	
Turbidity correction	simultaneous multiwavelength measurement to correct turbidity	
Interface	RS 232 C serial interface for printer and computer	
Methods	Programming of more than 60 methods for Spectroquant® cell tests, as well as physical measurements and pre-programmed applications	
Storage capacity	up to 500 results	
Power supply	100 - 240 V~, 50 - 60 Hz	
Temperature	Storage: -25°C to +65°C, operations: +5°C to +40°C	
Allowable relative humidity	Annual mean: \leq 75 %, 30 days/year: 95 %, other days: 85 %	
Dimensions	140 x 270 x 260 mm (H x D x W)	
Weight	2.8 kg incl. battery	



Spectroquant® PhotoCheck
For checking the photometer, further details see page 125.