

MODERNWATER

Smart Reader™

Modern Water Smart Reader

The Modern Water Smart Reader is a simple-to-use dual light source photometer. It is designed for the Modern Water RaPID Assay® and EnviroGard line of environmental test kits for use in the field or in the laboratory.

This innovative technology offers low power consumption, self-diagnostic functionality and wireless connectivity allowing the user to effortlessly read and store the data on a rugged field tablet using Bluetooth® SMART connectivity. The rugged field tablet comes pre-loaded with custom software for reading test results for multiple parameters offered in the Modern Water test kit line. Due to the versatility and simplicity of use it has been designed to simplify the process of testing.

- One button procedure
- Rapid result interpretation
- IP67 rating
- Data download from the tablet to a PC



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SPECIFICATIONS

Peak wavelenghs	450nm, 500nm, 550nm, 570nm, 600nm, 650nm
Size	(W x L x H) and weight 150 x 250 x 70mm, 975g
IP rating	IP67
Power supply	3 x 1.5v 'AA' batteries (typically 40 hours), mains power delivered by USB port
Connectivity	Bluetooth SMART (4.0) profile and USB for data download
Display	320 x 240 pixel LCD with backlight and contrast adjustment

Process explained

The Smart Reader, paired with the rugged tablet, offers both sample analysis and data interpretation giving a rapid onsite sample result. By pairing the tablet with the reader and hitting one button, the sample is read and the result automatically sent to the tablet for interpretation and saving. After test completion, the results can be transferred to a PC via USB connection or Bluetooth.

WHICH PRODUCTS IS THE SMARTREADER COMPATIBLE WITH?

Analyte	Matrix	EnviroGard MDL	RAPIDAssay
PCB	Soil	0.5 ppm	<0.5 ppm
	Water	50 ppb*	0.2 ppb
	Wipes	5 µg/wipe	<5 µg
	Concrete	0.5 ppm	0.5 ppm
PAH	Soil	n/a	0.2 ppm
	Water	n/a	2.0 ppb
2, 4-D	Water	n/a	0.70 ppb
Atrazine	Water	n/a	0.015 - 1.0 ppb
Chlordane (soil)	Soil	14 - 600 ppb (as soil)	n/a
	Water		
DDT (soil)	Soil	20 - 1,000 ppb (as soil)	n/a
	Water		

Call Modern Water for specific analytes, MDLs and other test kits



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