

Professional, accurate single parameter meter for Iron monitoring

FERROMETER 1000

The Palintest Ferrometer 1000 provides an easy to use but accurate instrument for monitoring iron at any point in a process, or in the field.

Iron occurs widely in nature and is found in many natural and treated waters. In domestic and industrial water supplies it can cause staining of clothes, plumbing fittings and swimming pool surfaces. The formation of insoluble iron deposits can be troublesome in many industrial applications.

Iron salts can come from corrosion in plant and equipment, and from the industrial processes themselves. It is important therefore to monitor natural and drinking water, as well as process waters and effluents.

Part of the Palintest 1000 range of instruments, the Ferrometer combines high build quality with a proven chemistry to give total iron content of water.

The Palintest Iron MR test uses the industry standard 1,10 phenanthroline test, and is capable of dissolving colloidal and particulate iron to give a true measure of the total iron content.

The instrument is suitable for bench use in water treatment plants and labs, as well as for field use by sampling officers and inspectors, or by water quality engineers. For maximum portability the Ferrometer is supplied in a soft carry pouch with a belt loop. The option of a hard carry case is also available. The kit comes complete with test tubes, Iron MR test tablets and full operating instructions.

MEETING QUALITY STANDARDS

The Palintest Ferrometer Duo is supplied with a test certificate confirming conformance to calibration standards. Certified Check Standards are available as an optional extra. A recalibration service is available to assist customers in meeting DWI or EPA guidelines and internal quality assurance procedures.

ORDERING INFORMATION

PT 258 **Ferrometer 1000 in soft carry pouch**
 PT 191 **Check Standards with Test Certificate**
 PT 238 **Optional Hard Carry Case**
 AP 292 **Iron MR reagents (250 tests)**



Technical Specifications

Instrument Type	Pulsed LED colorimeter pre-programmed for direct reading
Optics	Integral focused optics with pulsed blue LED
Operation	Two button
Range	0.02 to 5.00 mg/l Iron
Resolution	0.01 mg/l
Blank/Zero setting	Optionally held in memory or reset for each reading
Internal calibration	Factory set 5-point calibration - recalibration through internal software
Instrument case	Splash proof case with membrane keypad
Temp range	0 to 50°C
Power supply	2 x 1.5v batteries (included). Power management system with automatic switch-off
Battery life	Approximately 20,000 readings
Size	Pocket sized: 173 x 75/44 x 41 mm

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