## Iron Meter with Cal Check™

Iron is naturally present in water in low concentrations, but it reaches high concentrations in wastewater effluents. Iron concentration must be monitored as it is an indicator of corrosion in boilers and cooling towers.

To check this parameter, **HANNA instruments**® designed **HI 95721** that uses powder reagents pre-dosed in the proper quantity to provide maximum reproducibility.

Analysis is very simple, and is perfomed with just one sachet to measure Fe^{2+} and Fe^{3+}.

The special formulation with a single powder reagent, permits accurate readings even in the most extreme process conditions, like strong alkalinity (up to 2000 ppm of $CaCO_3$) and silica concentrations (up to 170 ppm of SiO_2). As Iron can create deposits and stains, many applications require Iron analysis.

HI 95721 is thus a useful instrument for paper mills, textiles and ceramic industries.
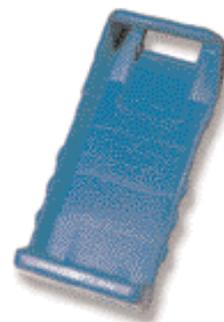
Specifications

	HI 95721
Range	0.00 to 5.00 mg/L
Resolution	0.01 mg/L
Precision	±0.01 mg/L to 1.50 mg/L
Light Source	Tungsten lamp with narrow band interference filter 525 nm
Light Detector	Silicon Photocell
Power Supply	1 x 9V battery
Auto-off	After 10 min of non-use in measuring mode
	After 1 hour of non-use in calibration mode
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Dimensions	180 x 83 x 46 mm (7.1 x 3.3 x 1.8")
Weight	290 g (10 oz.)
Method	Adaptation of USEPA 315B Method and Standard Methods 3500-Fe B

Accessories

HI 710009	Shockproof rubber boot, blue	HI 731335	Cap for cuvet (4 pcs)
HI 710010	Shockproof rubber boot, orange	HI 95721-11	Cal Check™ standard for HI 95721
HI 93721-01	Reagent kit for 100 tests	HI 731318	Tissue for wiping cuvets (4 pcs)
HI 93721-03	Reagent kit for 300 tests		
HI 731331	Measuring cuvet (4 pcs)		

Ordering Information

HI 95721 is supplied complete with 2 measuring cuvets, 9V battery and instructions.

HI 95721C: kit includes **HI 95721**, rugged carrying case, scissors, wiping tissues and Cal Check™ standard.

For a comprehensive list of accessories, see sections U and V