

PROMPT – Tintometer Information 8/2009

SensoDirect 150 - The Multi-Talent

For the determination of :

- pH/Redox
°C/°F
- Conductivity/TDS/
°C/°F
- dissolved oxygen (O₂)
O₂ concentration in mg/l
°C/°F

Log crucial electro-chemical parameters covering drinking water, effluent, cooling water and boiler feed water with a single, hand-held measurement unit – the new SensoDirect 150. Results can be measured with up to three electrodes – and all at real value for money.

Contact us for further information, quoting **SENSODIRECT 150**



drinktec

Go with the flow.

14.-19.9.2009
Neue Messe München



Weltmesse für Getränke-
und Liquid Food Technologie

The Drinktec show is a must for so many people as it records the technical developments of the last four years. Focussing as it does on drinks production in so many areas and sectors, it is a crucial source of information for many companies. The international nature of the show presents world-wide trends in drinks production and provides much stimulation for thought.

In addition it is the ideal place to reinforce contact with customers and suppliers. Specialists in the refreshment drinks and fruit juice industry, mineral spring operators, dairies, wine and champagne producers, the spirits industry, breweries, maltings, drinks wholesalers and retailers, hotels, bars and canteen operators, the advertising and service sector, public authorities and technical education institutes - they will all be at the new exhibition grounds in Munich.

Hall A4, Stand 102

For more information go to :
www.tintometer.com

And of course Tintometer will be there too, with our own exhibition stand, to present our product range to the wider public. We shall be showing the latest generation of Lovibond® measurement devices and reagents.

Our exhibition team looks forward to meeting new contacts and saying „hello“ again to old friends.

We look forward to your visit !

Turbidity Meters - Three Alternatives

TurbiCheck

The compact Lovibond® infrared turbidity meter TurbiCheck is designed to allow fast, precise on-site testing. The unit measures the scattered light at an angle of 90°, as stipulated in EN ISO 7027.

The wide measuring range from 0.01-1100 TE/F = NTU = FNU makes the instrument suitable for various applications, ranging from drinking water to waste water.

As infrared light is used for measurement purposes, the unit can be used to test both coloured and colourless liquids.

Technical data

Principle	Nephelometric (90° scattered light)
Light source	IR-LED (860 nm)
Display	backlit LCD (on keypress)
Power supply	9 V power pack battery
Storage	internal ring memory for 16 data sets
Range	0.01 - 1100 NTU (Auto-range)
Resolution	0.01 - 9.99 NTU = 0.01 NTU 10.0 - 99.9 NTU = 0.1 NTU 100 - 1100 NTU = 1 NTU
Accuracy	± 2.5 % of reading or ± 0.01 NTU (0 - 500 NTU) ± 5 % (500 - 1100 NTU)
Code:	26 60 20

TurbiDirect

Turbidity is measured according to EN ISO 7027 by nephelometric means (90° scattered light). The infra-red light-source permits measurement of coloured and colour-free samples.

The automatic measurement range detection facility (Autorange) enables direct turbidity measurement from 0.01 to 1100 NTU with an accuracy of ± 2% up to 500 NTU and ± 3% thereafter.

A large graphic display, a choice of several different languages and user-friendly operating instructions make the device extremely easy to use.

Technical data

Principle	Nephelometric (90° scattered light)
Light source	IR-LED (860 nm)
Display	Graphic-Display
Storage	1000 data sets
Range	0.01 – 1100 NTU (Auto-range)
Resolution	0.01 from 0.01 - 9.99 0.1 from 10.0 - 99.9 1 from 100 - 1100
Accuracy	± 2 % of reading or 0.01 (0-500 NTU) ± 5 % of reading (500-1100)
Interface	RS232 for printer and PC-connection
Power supply	7 NiCd rechargeable batteries (Type AA) ; mains adapter Input: 100 - 230 V ; and lithium battery for data storage
Code:	19 40 10

TurbiCheck WL

The TurbiCheck WL allows easy turbidity measurement in either the field or in the laboratory. Using a „white light“ source and 90° detection, the TurbiCheck WL meets the specifications for EPA turbidity measurement (EPA Standard 180.1). A power efficient micro-circuit design allows the instrument to yield 5000 tests on 4-AA alkaline batteries with an estimated 7-10 year bulb life.

Technical data

Principle	Nephelometric (90° scattered light)
Light source	Tungsten (U.S. EPA 180.1)
Display	large LCD display
Power supply	4 AA Alkaline-batteries for approx. 5000 tests
Range	0.01 to 1100 NTU
Accuracy	± 2% Full Scale or 0.01 NTU (0-500 NTU) ± 3% Full Scale (500-1100 NTU)
Resolution	0.01 NTU to 100.0 NTU 0.1 NTU from 100.0 to 999.9 NTU 1.0 NTU from 1000 to 1100 NTU
Code:	19 42 00

