

Water Testing

COD Tube Test Photometer

Lovibond®

COD Tube Test Photometer, Vario MD 100

A compact, precise, photometer dedicated to COD measurement in water samples, using accessory tube test reagents for accuracy, convenience and safety, and an accessory block heater for sample digestion.

- ◆ Choice of ranges:
 - low 0 to 150mg/l
 - medium 0 to 1500mg/l
 - high 0 to 15000mg/l
- ◆ Portable, battery-powered photometer
- ◆ Long-life LED illumination with temperature compensation
- ◆ Waterproof sample chamber

<i>Model</i>		COD Vario MD 100	
<i>Ranges</i>	<i>low</i>	<i>mg/l O₂</i>	0 to 150
	<i>medium</i>	<i>mg/l O₂</i>	0 to 1500
	<i>high</i>	<i>mg/l O₂</i>	0 to 15000
<i>Accuracy</i>		<i>%</i>	±3
<i>Optics</i>	Temperature compensated LED's and interference filters providing 430, 530, 560, 580, 610 and 660nm wavelengths with photosensor amplifier		
<i>Measurement time</i>	<i>secs.</i>		15
<i>Readout</i>			LCD
<i>Overall W x D x H</i>	<i>mm</i>		75 x 155 x 35
<i>Weight</i>	<i>g</i>		260
<i>Power</i>			4 x AAA batteries

As described. Supplied with battery and instructions. Without COD tubes.

WS810-20 COD tube test photometer MD 100

BL610-08 Spare 1.5V AAA battery (4 required)

Tube Tests

16mm diameter, screw cap tubes containing COD reagents to test within ranges as specified, once digested in an accessory block heater. Supplied in packs of 25.

	With mercury	Mercury free
0 to 150mg/l, LR	WS810-42	WS810-43
0 to 1500mg/l, MR	WS810-45	WS810-46
0 to 15000mg/l, HR	WS810-49	WS810-51



WS810-20 in use

Block Heater

stuart®

For uniform and stable heating of test tubes, Eppendorf tubes and cuvettes.

- ◆ Maximum temperature 200°C
- ◆ Digital control with bright LED display
- ◆ 'Hot warning' light illuminates whenever block temperature exceeds 70°C even when unit is switched off (but remains connected to the mains supply socket)
- ◆ Heat to 100°C in less than twelve minutes

<i>Model</i>	SBH200D	
<i>Range</i>	°C	ambient +8 to +200
<i>Stability (at 37°C)</i>	±°C	0.1
<i>Uniformity</i>	at 37°C	±°C 0.1
	at 130°C	±°C 1.0
<i>Blocks accepted</i>		2
<i>Heater power</i>	<i>W</i>	300
<i>Overall, W x D x H</i>	<i>mm</i>	235 x 310 x 115
<i>Weight</i>	<i>kg</i>	2.3

Block Heater, Stuart

As described. With 'power on' and 'hot warning' lamps and block extraction tool. For 230V 50Hz single phase supplies. Without blocks.

BK280-55 SBH200D

Accessory Aluminium block

Supplied singly.

BK282-12 for 12 x 16.5mm diameter tubes



BK280-55 in use