

# Colorimeters

## The Lovibond® 2000+ Comparator System

### Lovibond®

A unique colorimetric chemical analysis system which is portable, accurate, and equally suited to laboratory or field use.

- The system comprises
- ◆ Lovibond® 2000+ Comparator
  - ◆ Glass colour standards discs
  - ◆ Tablet or liquid reagents

### Comparator, Lovibond® 2000+

A prism unit and integrated large cell attachment (for cells up to 40mm path length) are incorporated in the instrument. Although robust, it is pocket sized and lightweight, made of solvent and acid resistant material. The discs are simply inserted from the side in cassette fashion, making it a simple operation to change discs when required.

**CS100-20** 2000+ Comparator

### Glass Colour Standards, Lovibond®

Comprise flat, chemically produced, coloured glass standards mounted in plastic discs and guaranteed fade-free. The range available is very extensive and we show below a selection only of the most popular. Please contact us should you require other discs or ranges not listed here.

	Disc code	Range	Method	Accessories required	Applications and remarks
<b>Ammonia</b>					
<b>CS125-12</b>	3/113	0 to 1.0mg/l N	Ammonia No.1 tablets	13.5mm cells	
<b>CS125-16</b>	3/125	0 to 10mg/l N	Ammonia No.2 tablets	5mm cells	Effluent discharges
<b>Chlorine (in water)</b>					
<b>CS127-10</b>	3/40A	0.1 to 1.0mg/l	DPD	13.5mm cells	
<b>CS127-12</b>	3/40S	1.0 to 4.0mg/l			
<b>CS127-14</b>	3/40B	0.2 to 4.0mg/l			
<b>CS127-20</b>	3/40E	0.02 to 0.3mg/l	DPD	40mm cell	
<b>CS127-32</b>	3/40K	0.5 to 6.0mg/l	DPD	13.5mm cells	
<b>CS127-33</b>	3/40HN	2 to 10mg/l		5mm cell	
<b>CS127-60</b>	NDPB	0.01 to 0.1mg/l	DPD	Nessleriser 2150	
<b>CS127-62</b>	NDPC	0.02 to 0.2mg/l		Pair Nessler tubes AF306	
<b>CS127-66</b>	NDP	0.05 to 0.5mg/l			
<b>CS127-68</b>	NDPD	0.1 to 1.0mg/l			
<b>CS128-17</b>	3/2ARP	5 to 50mg/l	Potassium iodide	13.5mm cells	Water mains. Food processing
<b>CS128-19</b>	3/2Iod	5 to 250mg/l			
<b>CS128-21</b>	3/2Hypo	2 to 16% w/w			
<b>Hazen Scale</b>					
<b>CS130-08</b>	NSH	10 to 90mg Pt/l sample	Direct comparison against Pair Nessler tubes AF306	Nessleriser 2150	American Public Health Association, ASTM, and British Standards
<b>CS130-12</b>	NSB	70 to 250mg Pt/l		Daylight 2000	
<b>pH</b>					
<b>CS132-12</b>	2/1E	4.4 to 6.0	Methyl red	13.5mm cells	
<b>CS132-14</b>	2/1F	4.8 to 6.4	Chlorophenol red		
<b>CS132-16</b>	2/1G	5.2 to 6.8	Bromocresol purple		
<b>CS132-18</b>	2/1H	6.0 to 7.6	Bromothymol blue		
<b>CS132-20</b>	2/1J	6.8 to 8.4	Phenol red		
<b>Sugar</b>					
<b>CS136-20</b>	3/29A	0 to 100mg/l	alpha-Naphthol*	5mm cells	Sugar in boiler or drain waters within refineries

\*Details on request.

Accessories for the 2000+ comparator are listed on the next two pages.



CS100-20