

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