

Comparators, Lovibond® Comparator System 2000+ Tintometer



The Comparator System 2000+ is a precise and general purpose colorimetric system for water testing. It is a high quality instrument for visually matching the intensity of the colour of the sample with Lovibond glass filters. It includes an adjustable cell compartment for samples in cells of up to 40 mm in path length. Nessleriser 2150 and the 2250 are longer path length instruments for matching a column of a sample in a Nessler cylinder with Lovibond glass filters. They are designed for measuring concentrations that are below the sensitivity of the Comparator 2000+.

- The integrated prism presents the glass standard discs and the coloured sample in the same field of vision, which allows for discrimination and matching of colours
- The prism is ultrasonically sealed to prevent contamination of the optics
- Each test disc is equipped with glass filters which guarantee a stability of colour, which do not fade and which can be changed easily without having to open the apparatus
- Allows for the compensation of water samples that are turbid or tinted
- Each comparator is available as a natural daylight option or can be used with the standardised Daylight 2000 lighting unit or a portable lighting unit

Description	Pk	Cat. No.
Comparator 2000+	1	705-0335
Nessleriser 2150 with stand	1	705-0343
Nessleriser 2250 with stand	1	705-0344
Nessleriser 2250 with stand, Daylight 2000 lighting unit and pair of Nessler tubes, 250 mm with plungers	1	705-0342

Description	Pk	Cat. No.
Cells and accessories for Lovibond® Comparator 2000+		
Cell stand to hold 10 x DB424 cells	1	705-0337
DB424/S Glass cells square 13.5 mm path length with lid	5	634-8590
W680/2.5 mm path length, fused optical glass rectangular cell	1	705-0404
W680/5 mm path length, fused optical glass rectangular cell	1	705-0401
W680/25 mm path length, fused optical glass rectangular cell	1	705-0403
W680/40 mm path length, fused optical glass rectangular cell	1	705-0566
Stand for 12 Nessler tubes AF306/P	1	705-0338
AF260, Stoppered extraction tube calibrated at 2,5; 5; 10; 15; 17,5 ml for amine disc 3/58	1	705-0345
AF306/P Pair of Nessler tubes, 50 ml/113 mm with plungers	2	705-0346
DB420 Pair of Nessler tubes, 250 mm with plungers	2	705-0347
W680/10 mm path length, fused optical glass rectangular cell	1	705-0402

Discs for Comparators, Lovibond® Comparator System 2000+ Tintometer

A wide range of test discs containing a series of graded glass filters, which have been pre-calibrated to give direct test readings. The unique feature of Lovibond® test discs is that they incorporate coloured glass filters which are colour stable and not affected by UV light or extreme environmental conditions.

- Disc codes starting with 'N' are for use with the Nessleriser 2150
- Disc codes starting with 'C' are for use with the Nessleriser 2250
- All other discs are for use with the Comparator 2000+

Ordering information: The most widely used discs are listed below but others are available on request. For details of reagents and accessories required for particular discs please see the Technical Tables of the Technical Services section of the UK VWR website: www.uk.vwr.com

Test method	Code	Range	Pk	Cat. No.
Aluminium	3/127A	0 - 0,5	1	633-0171
Amines	3/58	1 - 10	1	705-0567
Ammonia	3/112	0 - 0,4 NH ₄	1	633-0167
Ammonia	3/113	0 - 1,0 N	1	633-0168
Ammonia	3/125	0 - 10 N	1	633-0169
Ammonia	3/166	2 - 20 N	1	633-0174
Ammonia	NAA	1 - 10 µg/l NH ₃	1	633-0188
Ammonia	NAB	10 - 26 µg/l NH ₃	1	633-0189
Ammonia	NAC	28 - 60 µg/l NH ₃	1	633-0190
Ammonia	NAD	60 - 100 µg/l NH ₃	1	633-0191
Bromine	3/53A	0,2 - 2,0	1	633-0185
Bromine	3/53B	1 - 10	1	633-0186
Chlorine	3/2ARP	5,0 - 50	1	633-0175
Chlorine	3/2IOD	5,0 - 250	1	633-0176
Chlorine	3/40P	2,0 - 5,0	1	633-0177
Chlorine	3/40K	0,5 - 6,0	1	633-0178

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