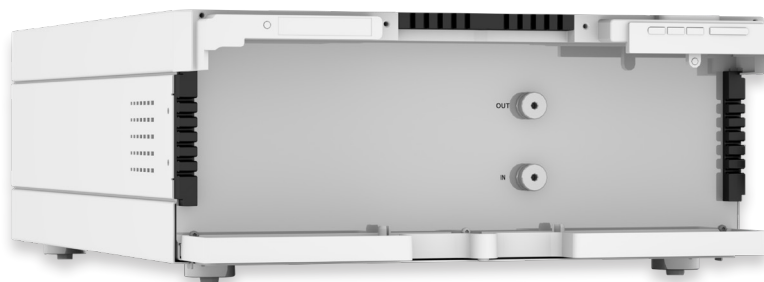


Logi-CHROM

Refractive Index Detector (RID)



The Logi-CHROM RID is a highly competitive and sensitive refractive index detector, ideal for fast and reliable routine analysis of non-absorbing substances. The intelligent temperature control guarantees fast baseline stabilisation and stable operation.

Target

Alcohols, sugars, saccharides, fatty acids and polymers.

| Detection | |
|------------------------|--|
| Detector Type | Refractive index detector |
| Light Source | Long-life LED |
| Detection Channels | 1 |
| Refractive Index Range | 1.00 - 1.75 RIU |
| Noise | ± 2.5 nRIU |
| Drift | 200 nRIU/h |
| Linearity | > 1000 µRIU |
| Flow Cell | 5 bar back pressure resistance flow cell included |
| Max. Flow Rate | 10 ml/min (pure water) |
| Flow Cell Volume | 15 µl |
| Wetted Materials | Stainless steel / fused silica / PTFE |
| Temperature Control | OFF, 30 - 55°C (1°C increment) |
| Time Constants | 0.00 / 0.01 / 0.02 / 0.05 / 0.1 / 0.2 / 0.5 / 1.0 / 2.0 / 5.0 / 10.0 s |
| Maximum Data Rate | 100 Hz (LAN) / 20 Hz (Analog) |
| Autozero | Full range |
| Leak Sensor | Yes (internal and external leak management) |

Specification Sheet

General

| | |
|--------------|--------------------------------|
| Power Supply | 100 - 240 V, 50 - 60 Hz, 65 W |
| Dimensions | 361 x 158 x 523 mm (W x H x D) |
| Weight | 10.8 kg |

Communication

| | |
|------------------------------|---|
| Control | Laura software |
| Analog Outputs | 1 x 0 - 2.5 V scalable, 20 bit, offset adjustable |
| Interfaces (cinch connector) | 2 x LAN (RJ-45, dual IP-stack), USB (service only), multi-pin connector, analog |

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Certificate No: 1535
ISO 9001



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