

## Refractive Index Detector - 2000L

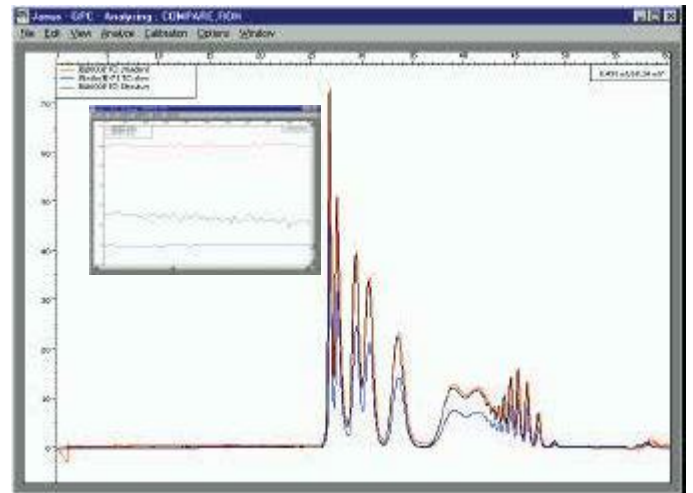


**The Refractive Index Detector with outstanding capabilities!**

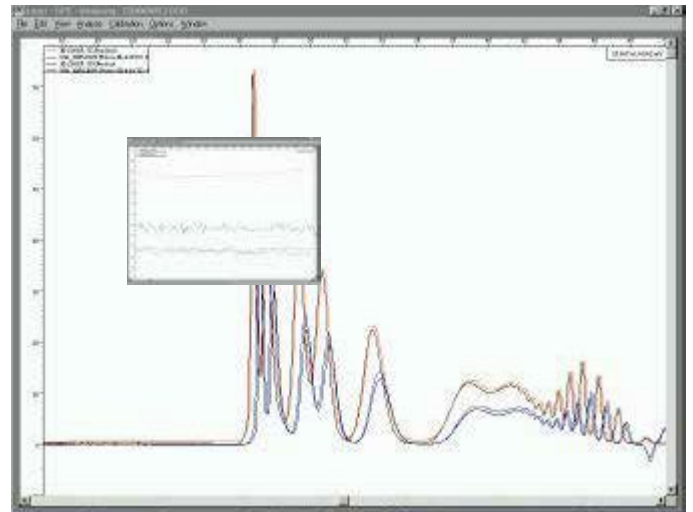
The RI-2000L Differential Refractive Index Detector series offers the sensitivity, stability and reproducibility required for optimum RI detection. The thermally shielded optics with a countercurrent heat exchanger and with its user programmable temperature control results in an extremely stable baseline and an optimal Signal/Noise ratio.

The RI-2000L provides remote purge and autozero capabilities. RS232 communication protocols are provided in the user manual. RI-2000L detectors are available for analytical or preparative mode.

The pictures to the right show comparison chromatograms of polystyrene samples in THF measured with an RI-2000L/Waters 2410 and RI-2000L/Shodex RI-71 at a flow rate of 1 mL/min. The Polystyrene standards were injected on two AIS DVB columns 500 Å (500 x 10 mm I.D.).



Comparison of LabIndex 2000L and Shodex RI-71



Comparison of LabIndex 2000L and Waters 2410

The progressive electronic and mechanical design result in a detector with exceptional sensitivity, ultra-low noise level, the highest degree of baseline stability, and lowest service.

## Ordering information

Description	PN
LabIndex 2000	SB-2000L
LabIndex 2000 with Prep Cell	SB-2000P

## Specification:

Detection Method:	Deflection
Refractive Index Range:	1 - 1.75 RIU
Temperature Setting:	Ambient, 35°C to 55°C in 1° C steps
Typical Flow rate:	0.2 - 3.0 mL/min.
Flow Cell Volume:	9 µl
Flow Cell Pressure:	6 Kg / cm <sup>2</sup> (42 psi max)
Linearity Range:	80 x 10 <sup>-5</sup> RIU
Noise Level:	5 x 10 <sup>-10</sup> RIU
Auto Zero Range:	40 x 10 <sup>-5</sup> RIU
Auto Zero Resolution:	5 x 10 <sup>-10</sup> RIU
Integrator - Output:	±1 Volt
Recorder - Output:	±1 Volt
Digital Interface:	RS 232 bidirectional
Digital Outputs (TTL):	Intensity
Digital Inputs (TTL):	Purge, Autozero and F display
Dimensions in cm:	25.8(W) x 35(D) x 14.8(H)cm
Weight:	10 kg

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- HPLC Servicing** :We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.
- Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's
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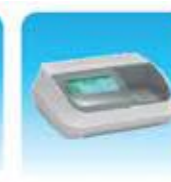
DSC/TGA



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Semen Analyzer



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2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Comps etc.

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