
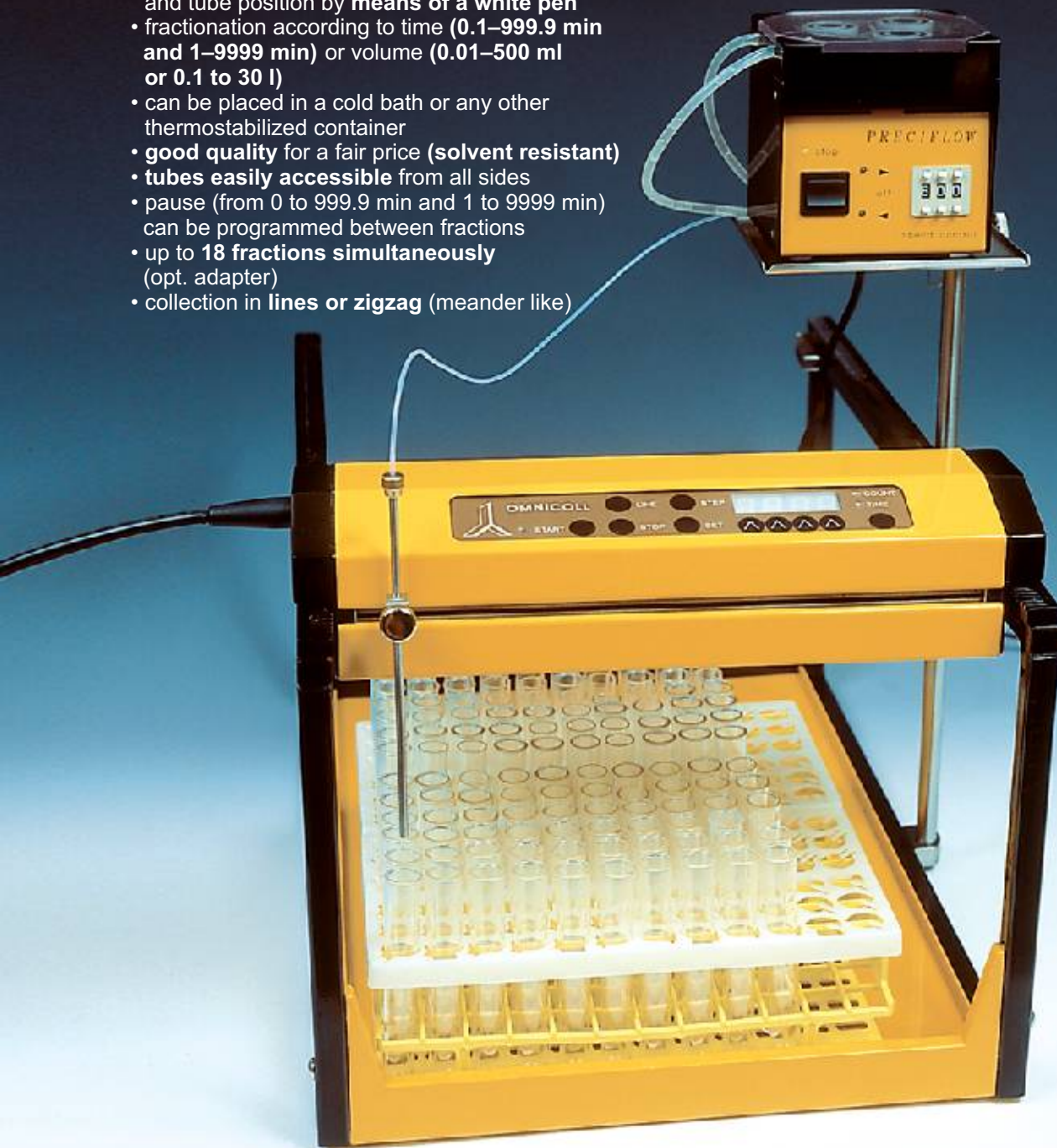


# OMNICOLL

A NEW CONCEPT IN FRACTION COLLECTION

LAMBDA 

- collects fractions in **any racks** of your choice
- collects **unlimited** number of fractions
- the complete collector is placed **above** tubes – no danger of spilling
- **unlimited** number of programmes
- **extremely easy** programming of rack and tube position by **means of a white pen**
- fractionation according to time (**0.1–999.9 min and 1–9999 min**) or volume (**0.01–500 ml or 0.1 to 30 l**)
- can be placed in a cold bath or any other thermostabilized container
- **good quality** for a fair price (**solvent resistant**)
- **tubes easily accessible** from all sides
- pause (from 0 to 999.9 min and 1 to 9999 min) can be programmed between fractions
- up to **18 fractions simultaneously** (opt. adapter)
- collection in **lines or zigzag** (meander like)



Lambda, Dr. Lehky, Imfeldsteig 12, CH-8037 Zürich  
Tel./Fax +41 14 50 20 71, Hotline: +420 603 274 677  
<http://www.rhone.ch/lambda/>; e-mail: [lambda@rhone.ch](mailto:lambda@rhone.ch)

## FEATURES

- the only fraction collector which can be easily programmed for any rack or recipients **according to your choice**
- all electronic and mechanical components have been miniaturized and placed in one moving part, which is placed **above the fractions**, therefore, there is no danger of spilling and the lower part of the collector may be placed into a cooled air or water bath
- **modern microprocessor system** using several optical sensors, which register stop signals and collect fractions according to time or volume
- only the liquid conducting tubing is moved instead of the tubes, this requires much less energy and allows the collector to **be miniaturised**
- collection in **lines or meander like**
- several lower parts can be combined to increase the fraction collecting capacity of the collector
- the lower part of the collector can be used for carrying or storage of fractions
- **new plastic fixing plate** allows fixation of any rack or recipient to the collecting surface of the collector
- the **highest safety** for user has been attained by supplying OMNICOLL with low voltage current (9 V/12 W). This allows also an easy **field application** of OMNICOLL
- **solid metal construction** makes OMNICOLL insensitive to solvents
- when not used, OMNICOLL can be easily dissembled and requires only a **small storage space**
- an **autostop** function switches off the collector and the fractionation after a selected rack or at the end of the range
- pump **flow-stop** function during the change from one fraction to the next
- practically no service required
- **competitive price**
- since a **pause (from 0,1 to 999.9 min. and 1 to 9999 min.)** can be programmed between fractions, OMNICOLL can be used for taking samples (single or multiples) (for ex. during fermentation and other biological or chemical processes). The pause function can be used also for an automatic start up of the fraction collection. **Washing** of tubing between samples is possible since the number of fractions in a serie can be chosen.
- remote control allows sampling after reception of an external signal, such as an alarm). In this way it is possible to obtain important samples during long processes running even during absence of supervisor
- drop counter 1–9999 and 60–599940, inert valve, RS232 and other accessories are available as an option

## SPECIFICATIONS

Fractionation:	time <b>0.1–999.9 min</b> in 0.1 min steps or <b>1–9999 min</b> volume <b>0.01 to 500 ml or 0.1 to 30 l</b> , through <b>ext. signal or RS232</b> (option) with or without a pause from <b>0.1 to 999.9 min</b> or <b>1 to 9999 min</b>
Tube capacity:	according to your choice (available surface of 45 × 31 cm,) e.g. using Nalgene economy racks: <b>216</b> tubes × 13–16 mm diam. <b>160</b> tubes × 20 mm diam. <b>96</b> tubes × 30 mm diam. <b>Capacity can be increased several times.</b>
Power supply:	9 V/12 W, using power supply plug for 100 to 240 V, 50–60 Hz
Safety:	meets CE and IEC 1010/1 norm for laboratory instruments
Operating temperature:	0 to 40 °C
Weight:	6.5 kg
Dimensions:	34 × 30 × 49 cm ( W × H × L )
Guarantee:	2 years