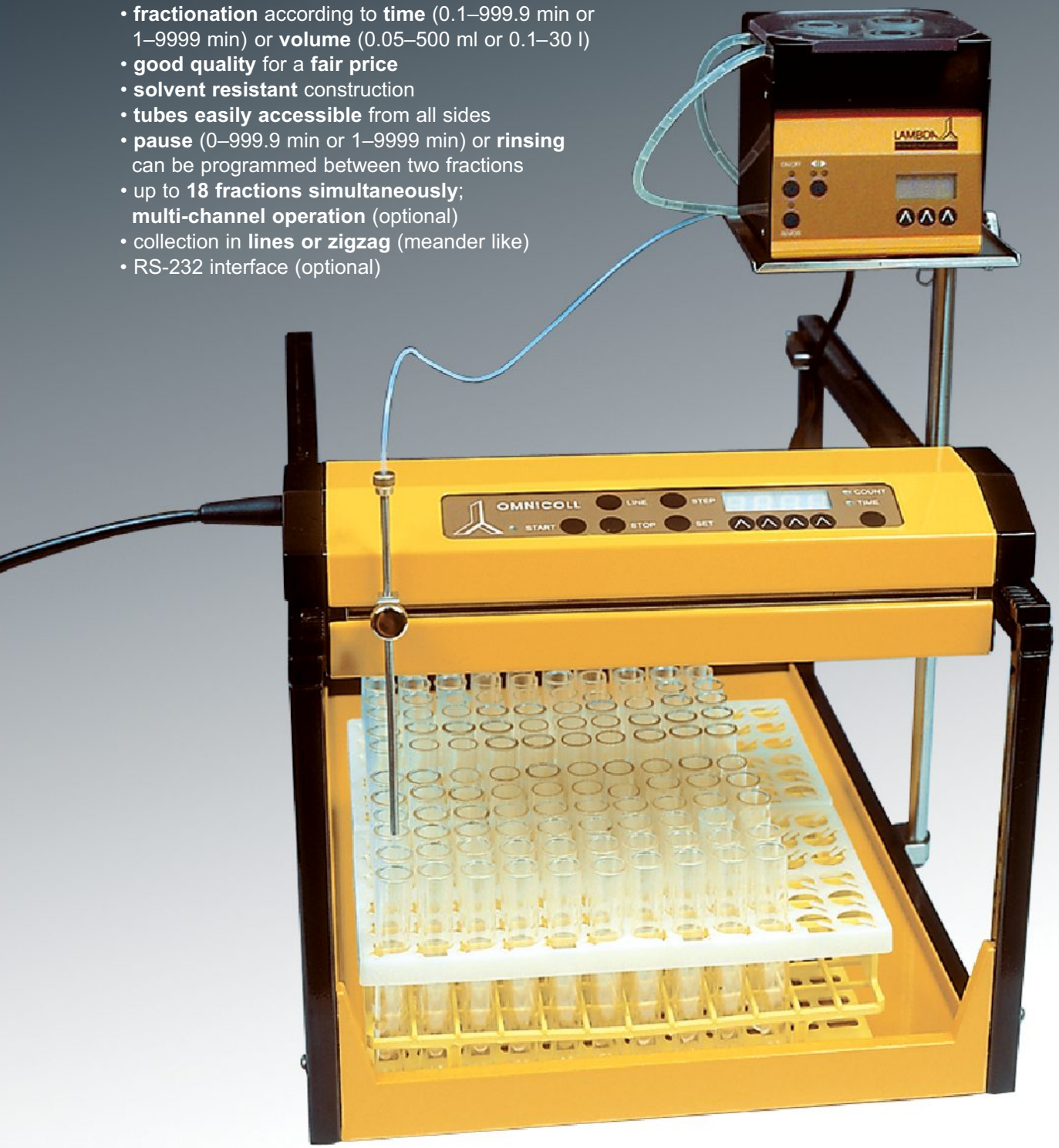
OMNICOLL

LAMBDA

A NEW CONCEPT IN FRACTION COLLECTION / SAMPLING

- collects fractions in **any racks** of your choice
- collects **unlimited number of fractions**
- the electronics and moving parts are **placed above the tubes**:
  - **no** damage due to **spilling**
  - can be placed in a **cold bath** or any other **thermo-stabilized container**
- **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 or 1–9999 min) or **volume** (0.05–500 ml or 0.1–30 l)
- **good quality** for a **fair price**
- **solvent resistant** construction
- **tubes easily accessible** from all sides
- **pause** (0–999.9 min or 1–9999 min) or **rinsing** can be programmed between two fractions
- up to **18 fractions simultaneously**; **multi-channel operation** (optional)
- collection in **lines or zigzag** (meander like)
- RS-232 interface (optional)



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LAMBDA OMNICOLL fraction collector / sampler

Features of the LAMBDA OMNICOLL fraction collector

- The only fraction collector that can easily be programmed for **any rack or recipients of 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**.
- The lower part of the fraction collector **can be placed into a cold bath, ice bath or any other thermo-stabilized container**.
- **Modern microprocessor controlled system** using several optical sensors allows for **easy programming of the tube positions just with a simple pen**.
- Fraction **collection according to time or volume**
- **Fraction collection in lines or meander like** (zigzag)
- A **pause** (0.1-999.9 min or 1-9999 min) **can be programmed between fractions**. Thus, the OMNICOLL fraction collector can be used for taking (single or multiple) samples, e.g. during fermentation processes, cell cultures and other biological or chemical processes.
- The pause function can be used also for an **automatic start up of the fraction collection**.
- **Washing of the tubing (line washing) between samples is possible** since the number of fractions in a series can be chosen.
- **Auto-stop function** switches off the collector and the fractionation after a selected rack or at the end of the line
- **Pump flow stop function** avoids spilling between two consecutive fractions
- **Only the liquid transferring tubing is moved** instead of the tubes, this requires much less energy and allows the collector to be miniaturized. Additionally, the **tubes are easily accessible from all sides**.
- The **lower part of the collector can be used for carrying or storage of fractions**. A new plastic fixing mat keeps **the racks or recipients in position**
- Several lower parts can be combined to **increase the fraction collecting capacity** of the collector
- **Highest user safety** has been attained by supplying the OMNICOLL with a low voltage plug-in power supply. This allows also an easy **field application** of the fraction collector (battery operation possible).
- **Solid metal construction** makes the OMNICOLL fraction collector **insensitive to solvents**
- Can be **easily disassembled** and requires only **little storage space**
- **Low-maintenance construction**
- **Competitive price**
- **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 a supervisor.
- **Drop counter**, **inert valve**, **RS-232 interface** and other accessories are available as an option

Technical data

Fractionation:	**Time 0.1–999.9 min** in 0.1 min steps or **1–9999 min** in 1 min steps **Volume 0.05-500 ml or 0.1-30 l** **Drop counter** (1-9999 or 60-599'940) (option) Through **external signal** or **RS-232 interface** (option) With or without a **pause** from **0.1-999.9 min** or **1-9999 min**
Tube capacity:	According to your choice (available surface of 45 × 31 cm) e.g. using Nalgene economy racks: **300** tubes × 13 mm diameter **204** tubes × 16 mm diameter **130** tubes × 20 mm diameter **80** tubes × 30 mm diameter **Tube capacity can be increased several times** (by adding several lower parts together)
Power supply:	9 VDC/12 W, using plug-in power supply (100-240 V, 50–60 Hz)
Safety:	Meets CE and IEC 1010/1 norms for laboratory instruments
Operating temperature:	0 to 40 °C
Weight:	6.5 kg
Dimensions:	34×30×49 cm (W × H × D)
Guarantee:	2 years

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