

U-820 Microsampler

-Refrigerates your samples

The Univentor 820 Microsampler is a fraction collector designed to collect liquid samples as small as 1 µl - and to keep them cool.

The Univentor 820 Microsampler operates with 20 glass or plastic vials of 300 µl volume. It can collect 20 samples from one source (Single Mode) e.g. a microdialysis probe or 2 x 10 samples from two sources (Dual Mode) at the same time. Either tubing or the stainless steel cannulas supplied with the Microsamplers, can be used as collection cannulas. Septas may be attached when using the steel cannulas.

The Univentor Microsamplers are very user-friendly, having a self-explanatory control panel on which collection time (up to 99 minutes) can be set, and refrigeration (+8 °C) can be switched on or off. The U-820 can either operate as a stand-alone instruments, or an external TTL signal may be used to control the actions of the collector.

The Microsampler also operate in conjunction with the Univentor 802/864 Syringe Pumps, ensuring precise volumes. By combining the Microsampler with either the 802 Syringe Pump or the 864 Syringe Pump the system can be computer controlled via RS-232. This enables the user to customise



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the collection process. The U-820 is small, compact and very quiet.

A U-810 microsampler is also available with the same characteristics as the U-820 but it operates with 10 plastic vials of 1,5ml volume (Eppendorf type) in single mode only .

Specification

Dimensions 15x13x11cm
Weight 2,5kg including adaptor

- Power - External adaptor 110-220 V 50-60 Hz
- Temperature controlled to +8°C
- Peltier cooling element with fan
- Maximum 99 minutes of collection time unless remotely controlled
- Minimum collection volume of 1 µl

Ordering Info

Art.No 8303002	U-820 Microsampler
Art.No 8303001	U-810 Microsampler
Art.No 2401090	RS-232 Com Cable 15 to 25 pol.
Art.No 2401091	RS-232 Com Cable 15 to 9 pol.