

RAD-Pro 5

Personal Air Sampler



detection

radiation



The RADeCO RAD-Pro 5 is an industry leader in back-pressure performance, reliability and ease-of-use. This pump offers flow rates up to 5 LPM respectively. And thanks to several advanced features, this pump overcomes the main causes of sampling errors – saving you time and money. The air flow display holds calibration for 30 days, even with atmospheric changes. While RADeCO air sampling pumps are known for their strength, the back-pressure capabilities of the RAD-Pro 5 are the highest in the industry for any personal sampling pump.

With the RAD-Pro 5 there is less risk of lost samples due to battery failure. It incorporates a nickel-metal hydride (NiMH) battery which, unlike a NiCd battery, doesn't suffer from "memory" problems. So there's no hidden loss of battery capacity, no shorter-than-expected run time and no need for special battery maintenance. You use our standard charger and get the same, highly predictable life, charge after charge.

When the display indicates a "full" battery, that's exactly what the pump delivers. Plus, the indicator more accurately displays remaining life throughout the sampling period. You get faster charging too. The NiMH battery fully charges in just five hours. And you won't be hampered with special storage or disposal requirements, since the NiMH battery is friendly to the environment.

FEATURES

- ***Up to 5 LPM Flow Rate***
- ***Highest back Pressure Capability***
- ***Programmable***
- ***Live Flow Display***
- ***NIMH Battery***
- ***EN-1232 Type B Compliant***

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SPECIFICATIONS

Feature	RAD-Pro 5
Flow Rate, Max	5 Liters Per Minute
Flow Rate, with Low Flow Module	20 cc/min - 800 cc/min
Flow Rate, Standard	800 cc/min - 5000 cc/min
Flow Compensation 1000 cc/min	70" H2O back-pressure (17.4 kPa)
2000 cc/min	60" H2O back-pressure (15.0 kPa)
3000 cc/min	50" H2O back-pressure (12.4 kPa)
4000 cc/min	30" H2O back-pressure (7.5 kPa)
5000 cc/min	20" H2O back-pressure (5.0 kPa)
Constant Flow Control	± 5% of set flow at 800-5000 cc/min
Programmable	Yes, four stage
30-Day Calibration	Yes
EN 1232 Compliant	Yes
Live Flow Display	Yes
Charging Time	Fully Charged in 4 Hours
Memory-Free Battery	Yes, NiMH
Four-Button User Interface	Yes, with lock-out feature
Run Time	8 hour minimum
Flow Fault	±5% set flow, fault icon appears; if fault exceeds 30 seconds pump shuts down. Pump will attempt restart every 3 minutes for up to 30 minutes.
LCD Display	Yes; Flow Rate, Total Sample Time, Total Volume Sampled, Charge Status , Program Settings.
Hazardous Approval Ratings	FM: Class I, Division I, Groups A, B, C & D Class II, Groups E, F & G Class III, T4 CE: Ex II 1 G, Ex ia IIC T4

Available Accessories: RADeCO DE-500 radioiodine sampling cartridge and 2500-112 and 2500-110 Filter Holders.

