

Digital Burettes, solarus®, Hirschmann

An integrated solar cell provides power to the solarus® digital burette made by Hirschmann Laborgeräte

This means:

- no more battery replacement
- no more recharging

solarus® replaces any glass burette and a variety of motor-driven burettes. A clear digital display eliminates all meniscal reading errors. A modern ergonomic design makes routine titration easier. Available in a 20 ml and a 50 ml version.

The **media recirculation system** (standard equipment) facilitates bleeding, reduces waste of the expensive medium and protects the environment. The valves are easy to replace, calibration is simple using „Quick Cal“ and factory calibration is stored permanently in the device. Together, this provides scope for very individualized modification.

Further features:

- Turns freely on the bottle so that the label always faces the user
- Easy to read display
- Very fine resolution in 0,01 ml increments
- Handwheels with soft-touch surface for good grip
- Very precise gearing
- Clear-cut operation controlled by 2 keys
- Switching from default to user-specific calibration
- Sturdy discharge unit
- Conformity certified

Additional advantages:

Serial bidirectional interface for recording titration results, further processing of titration data, and fully automatic setting of a calibration factor when using an electronic balance.

Digital burettes, solarus®

Items supplied:

solarus® with thread A 45, thread adapter (PP) A 32, A 38 and S 40, discharge tube, screw-coupled suction tube, mounting wrench, individual test report and warranty certificate, in tough environment-friendly packaging.

Volume ml	R %	CV %	Order No.
20	0.2	0.1	14 37 92020
50	0.2	0.1	14 37 92050

Adapter

Thread adapter	to	Material	Order No.
A 45	A 32	PP	14 37 13521
A 45	A 38	PP	14 37 13525
A 45	S 40	PP	14 37 13527
A 45	A 32	ETFE	14 37 13621
A 45	A 38	ETFE	14 37 13625
A 45	S 40	ETFE	14 37 13627

Accessories

Article	Order No.
Discharge valve, ball/glass, Hastelloy spring	14 37 16005
Suction valve, ball/glass, Hastelloy spring, ceramus® only	14 37 16505
Return valve, ball/glass, Hastelloy spring, ceramus® only	14 37 16625
Mounting wrench	14 37 16901
Discharge unit standard	14 37 13025
complete, with full-length cannula guide, suitable for ceramus®	
Discharge unit, flexible, spiral-shaped, working length approx. 1 m	14 37 13027
Suction tube with fitting, 310 mm	14 37 15005
Suction tube with fitting, 400 mm	14 37 15007
Return tube with fitting, ceramus® only	14 37 15125



Liquid Handling Software

Hirschmann Liquid Handling Software can control up to four rechargeable battery or solarus devices and log all device events in the PC. Hirschmann Liquid Handling Software is available on CD-ROM.

The program displays the slave devices on the monitor and is operated by clicking with the mouse on the various button images. Pull-down menus provide access to special functions. A log containing a series of measurements can be recorded for all attached devices. Each series can be stored in a database and has an individual number allocated to it. The program will store operator, date and device time information as well as additional descriptions, and a search function is available to perform searches using these criteria.

The program runs under Windows95, Windows98, WindowsME, Windows NT, Windows2000 and Windows XP.

Article	Order No.
Liquid Handling Software	14 37 64010
Connecting cable for serial interface, RS 232	14 37 64005

