

akku-drive® Motor-Driven Dispensing Apparatus, Hirschmann

akku-drive® is a modular system designed to deliver motor-driven doses directly from the reagent bottle. The central component is the base unit, which is available in two sizes (20 ml and 50 ml) and contains all the electronic control circuitry. When used in conjunction with the dispenser module, the system is a high-precision dosage device that ensures excellent accuracy based on simple, reproducible doses at the press of a button.

Advantages:

- Simple operation guide (2-line LCD)
- Best resistance to chemicals through the use of top-grade materials (ECTFE, DURAN-Glas, FEP); parts which convey the medium can be sterilized in steam (121° C/2 bar)
- Dispensing of the required volume can be repeated up to 999 times, waiting times between dispensing steps are adjustable
- For operation by battery or from the mains
- Can be calibrated to the users special conditions
- Special functions, e.g.
 - choice of language (German, English, French, Spanish)
 - choice of 3 aspiration speed settings
 - choice of 3 dispensing speed settings
- Useful accessories
 - hand switch (for triggering the dispensing operation)
 - foot switch (for triggering the dispensing operation)
 - connecting cable (to an external control system)
- Conformity certified (H) acc. to Annex 12 of the German Calibration Regulations
- User-friendly recirculation system for fast venting without loss of reagent – for good ecology and economy
- Serial interface for connecting to a PC. Further details can be found in the section „Volume Measuring Devices/Titration“ under the product „solarus®“ from Hirschmann Laborgeräte.

This modular system can be used for single or series dispensings of liquids. Together with the „titration“ module the device becomes a highly sensitive precision titrating device.



akku-drive®

Article	Order No.
akku-drive® basic unit 50 ml (230 V, EURO plug)	14 37 67200
akku-drive® basic unit 20 ml (230 V, EURO plug)	14 37 77200
akku-drive® operating module „dispenser“	14 37 60011

Accessories

Article	Order No.
Hand button for triggering the dispensing operation for the akku-drive® basic unit 20 ml or 50 ml	14 37 64001
Foot button for triggering the dispensing operation for the akku-drive® basic unit 20 ml or 50 ml	14 37 64002
Control cable for external triggering of the dispensing operation e.g. for integrating in automatic processes	14 37 64003
Titration mouse	14 37 64004
Discharge unit standard complete with full-length cannula guide	14 37 13025

Article	Order No.
Discharge unit spiral-shaped, working length approx. 1 m	14 37 13027
Suction tube 310 mm	14 37 15005
Suction tube 400 mm	14 37 15007
Spare piston unit for basic unit 50 ml	14 37 66050
Spare piston unit for basic unit 20 ml	14 37 76050
Thread adapter A 45 according to A32/PP	14 37 13521
Thread adapter A 45 according to A38/PP	14 37 13525
Thread adapter A 45 according to S40/PP	14 37 13527
Discharge valve Hastelloy spring	14 37 16005
Suction valve, Hastelloy spring	14 37 16505
Mounting wrench	14 37 16901
Charger for akku-drive 230 V (EU)	14 37 67501
Charger for akku-drive 230 V (UK)	14 37 67601
Charger for akku-drive 120 V (US)	14 37 68501
Amber glass bottle 1000 ml	14 37 45000
Amber glass bottle, round, 2500 ml	14 37 15200
Connecting cable for serial interface	14 37 64005
Liquid Handling Software	14 37 64010

