

akku-drive® - Motor-Driven Titrator, Hirschmann

akku-drive® is a modular motor-driven titration system. The core unit is the base device, which is available in two sizes (20 ml and 50 ml). When used in conjunction with the „titration“ module, it forms a highly sensitive precision titration device. It makes hand titration as simple, convenient and highly precise as fully automatic titration using devices costing thousands of euros.

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)
- High-speed and drop titration options with separate buttons
- Excellent handling with add-on „titration mouse“ (accessory item)
- 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
- 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 „Dispenser“ module the device becomes a highly sensitive precision dispensing device.

Special applications:

Particularly interesting for the food industry is the °SH version for dairy laboratories. With this module you can determine the residual lactic acid in milk products. Results are given directly in °SH, so there are no annoying calculations.

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 „titration“	14 37 60021
akku-drive® operating module „titration °SH“	14 37 60030

Accessories

Article	Order No.
Control cable for external triggering of the dispensing operation e.g. for integrating in automatic processes	14 37 64003
Titration mouse	14 37 64004
Dispensing unit for „titration“	14 37 13015
Dispensing unit for „titration“ variable	14 37 63004
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

