EASYCAL™ Calibration Software

Calibrations without Calculations

EASYCAL™ 4.0 simplifies the tedious task of calibrating liquid handling, glass, and plastic volumetric instruments to ISO 9001 and GLP standards. Easy-to-follow procedures are outlined step-by-step and all calculations are performed automatically by the software. Weighing values may be entered manually into the software or imported directly from the balance via serial port. EASYCAL™ 4.0 generates reports to document the calibration testing in accordance to ISO 8655, ISO 4787 etc., all test records can be saved in a database for subsequent use and tracking of instrument performance.

- Simplifies Data Entry
- Organizes All Test Data
- Includes SOPs
- Clearly arranged test record

Demonstration software

Download free, fully-functional demo version at www.brand.de

Description	Cat. No.	2014 List Price
EASYCAL™ professional calibration software	708440	$672.00
EASYCAL™ testing tubes for pipettes <50µL, 250 pieces	708462	33.00
Micro-weighing container, includes 10 filters and 3 cover caps	708470	64.00
Filter pack, 20 replacement filters (capacity apx. 1000µL)	708471	48.00
Pipette holder (clip)	708605	74.80
Cover cap set, 3 spare closures	708472	44.00

EASYCAL™ 4.0 supports many balances from A&D, Denver, Kern, Ohaus, Precisa, sartorius, Scaltec, and YMC. Please contact your balance manufacturer for the appropriate interface cable.

Technical Data

Items supplied

- EASYCAL™ 4.0 software on one CD-ROM (English, French, German, Portuguese and Spanish)
- Installation instructions
- Operating manual
- CD-ROM also contains SOPs (English, French, German and Spanish) for Titrette®, HandyStep® *S*, HandyStep® *electronic*, Dispensette®, Transferpettor™, and all Transferpette® models from BRAND, as well as BLAUBRAND glassware.

System requirements

- PC with 32 MB RAM
- Microsoft® Windows® 98/ NT with SP6/ME/2000/XP
- SVGA graphics card with 256 colors
- Mouse
- CD-ROM drive
- Microsoft® Paint

Pipette holder (clip) & testing tube

EASY Calibration™

Many of BRAND's instruments feature Easy Calibration™ technology, making compliance to ISO 9001 and GLP standards simple. Easy Calibration™ technology enables calibration adjustments to be completed in just seconds, without tools.

If gravimetric testing yields a delivered volume that is different from the set volume, the instrument can be adjusted in just a few easy steps. The steps are essentially the same for all BRAND instruments featuring Easy Calibration™ technology. The process is outlined below, specific instructions can be found in the instrument operating manual.

- Perform gravimetric testing to determine Accuracy (%) and Coefficient of Variation (%). If accuracy specification is greater than the stated error limits for the instrument than perform a calibration adjustment.
- Disengage the volume display mechanism.
- Set the volume display to match the actual dispensed volume.
- Reengage the volume display mechanism.
- Calibration adjustment is complete, no further testing or adjustment required! Adjustment from factory setting is indicated by a red recalibration flag.

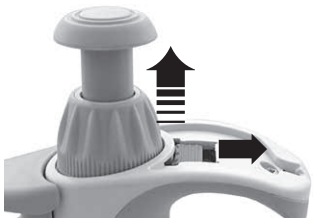
The process is shown in more detail below for the Transferpette® *S* pipette and Dispensette® III Digital Easy Calibration™ instruments.

Example

Gravimetric testing yields a delivered volume of 98.5µL at a set volume of 100µL. The instrument can be adjusted in five easy steps.

Step 1

Remove the label window and the label. Push the hook forward, raise it slightly and then pull it back.

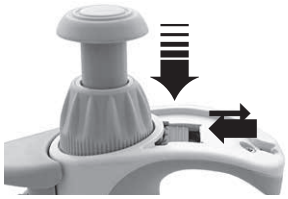


Step 2

Remove the protective film. Push the red adjustment slider completely back, and raise the volume-setting wheel and release the adjustment slider.

Step 3

Set displayed volume to actual value (e.g., 98.5µL).



Step 4

Push the adjustment slider back, push the volume-setting wheel downwards and release the adjustment slider.

Step 5

Reinsert the label and window. It's calibrated!

Dispensette® III Easy Calibration™

Step 1

Open housing by moving slide lock.

Step 2

Lift the red lever on right, slide knob left to disengage gears; set the display to actual delivered volume (e.g., 9.90mL), restore knob and lever position.

Step 3

Replace housing – done! Adjustment from factory setting is indicated by a red recalibration flag.