

Pipette Leak Testing Unit (PLT Unit), BRAND

Improve process reliability with functional validation of air-displacement pipettes

The most frequent cause of inaccuracy in piston-operated pipettes is leakage. This arises from damage either to the seals, pistons, or tip cones. Often not detectable by the naked eye, leaks lead to significant volume errors. The BRAND pipette leak tester (PLT unit) for air displacement pipettes finds even the smallest leaks within seconds.

- Limit values for the commercially available single- and multichannel pipettes in the volume range 1 µl to 10 ml are pre-programmed
- Testing with and without tips
- Test results in seconds
- Patented

While the PLT unit cannot replace regular gravimetric testing, daily pipette checks can provide a safeguard during the periods between calibrations. Even the smallest leaks are detected! Process reliability for the pipettes is thus significantly improved.

Items supplied

PLT unit (Pipette Leak Testing Unit) including one adapter each for testing single-channel air-displacement pipettes with tip (mounted) and without tip, 2 plugs (for instrument validation), 3 replacement PE filters for the pipette adapters, universal AC adapter, quality certificate and operating manual.

Article	Order No.
① Pipette leak testing unit (PLT unit)	10 49 03970

Accessories

Article	Order No.
② Pipette adapter single-channel for testing single-channel piston-operated pipettes with tips, incl. 1 plug	10 49 03975
③ Pipette adapter single-channel for testing single-channel piston-operated pipettes without tips, incl. 1 plug	10 49 03976
④ Pipette adapter multi-channel for testing multi-channel piston-operated pipettes with and without tips, incl. 4 plugs	10 49 03977
⑤ Universal AC adapter input: AC 100 V – 240 V, 50/60 Hz output: DC 6.5 V, 800 mA	10 49 03979
⑥ Filter for pipette adapter Pack of 10	10 49 03978

PLTconnect – software for pipette leak test

The optional PLT unit software, also called PLTconnect, is a program to facilitate the documentation of leak tests, which are carried out with the PLT unit from BRAND. Measured values from the test result of the PLT unit will be automatically transferred to the program. The result is displayed as a test certificate and stored in the program. Thus, the documentation of your test results will be significantly facilitated. Pack of 1.

Article	Order No.
⑦ PLTconnect, Software for pipette leak testing unit	10 49 73980

