

## A Complete Gravimetric Solution for Pipette Volume Verification

BH-014 is a dedicated pipette accuracy testing kit designed for the BH-T/BH series of semi-micro/analytical balances. It enables gravimetric pipette calibration in accordance with ISO 8655 or your own in-house standards, ensuring reliable results and efficient workflow management.



### Achieve Stable, Reliable Pipette Calibration

- ✓ Converts mass to volume automatically with WinCT-Pipette software
- ✓ Minimizes evaporation loss with integrated evaporation trap
- ✓ Improves dispensing consistency using absorbent sheets in the sample cups
- ✓ Performs pass/fail judgments based on ISO 8655 or user-defined specifications
- ✓ Optimized for A&D's premium BH-T/BH high-sensitivity balances



Scan the QR code for details on the BH-T/BH series

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## Comes packed in a handy carrying case



- Thermometer (with protective case)
- Thermometer clamp
- Evaporation trap and caps
- Evaporation trap base
- 5 mL sample cup (with absorbent sheet) × 2 pcs
- 30 mL sample cup (with absorbent sheet) × 2 pcs
- 5 mL sample cup holder
- 30 mL sample cup holder
- Test liquid cup
- WinCT-Pipette (CD-ROM)

## Recommended Balance and Tester Combinations by Volume Range

Nominal Volume	Maximum Permissible Error				Required Balance Resolution
	Systematic Error (Accuracy)		Random Error (Reproducibility)		
$\mu\text{L}$	$\pm\%$	$\pm\mu\text{L}$	$\pm\%$	$\pm\mu\text{L}$	mg
1	2.5	0.025	2	0.02	0.001
2	2.5	0.05	2	0.04	
5	2.5	0.125	1.5	0.075	
10	1.2	0.12	0.8	0.08	
20	1	0.2	0.5	0.1	0.01
50	1	0.5	0.5	0.25	
100	0.8	0.8	0.3	0.3	
200	0.8	1.6	0.3	0.6	0.1
500	0.8	4	0.3	1.5	
1000	0.8	8	0.3	3	
2000	0.8	16	0.3	6	
5000	0.8	40	0.3	15	
10000	0.6	60	0.3	30	

BM-20/22\*  
+ BM-014

BH-225(TE)/225D(TE)  
+ BH-014

BH-324(TE)/224(TE)/124  
+ BH-014

Note: Values correspond to ISO 8655-2:2022 Table 1 (Single-channel pipettes), Setting = 100% of nominal volume.

\*Microbalances available in the BM series

## Options

- AX-PT-01 5 mL sample cup (with absorbent sheet), 5 pcs
- AX-PT-02 30 mL sample cup (with absorbent sheet), 5 pcs
- AX-PT-03 Absorbent sheet for the 5 mL sample cup, 5 pcs
- AX-PT-04 Absorbent sheet for the 30 mL sample cup, 5 pcs



## Discover Precision

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