

Transferpette® -1/-8/-12

BRAND Transferpette® pipettes are lightweight, reliable tools designed for use in research and routine laboratory applications. Single channel models are available in both fixed- and adjustable-volume models to pipette from 0.1 µL to 5 mL. Eight- and twelve-channel models are available in seven adjustable-volume sizes covering the range from 0.5 µL to 300 µL.

- **Increase Pipetting Comfort:** Hook-shaped handle design, light weight, and side-mounted pipetting key work together to minimize the strain and discomfort of repetitive pipetting.
- **Meet the Needs of Most Applications:** Pipettes are corrosion-resistant, have autoclavable lower sections, and are compatible with most tips to ensure their effectiveness in almost any application.
- **Ease Liquid-Handling Tasks:** Every function has a dedicated control to simplify operation as well as limit inadvertent tip ejection or volume adjustment.
- **Simplify ISO/GLP Compliance:** Easy Calibration™ technology simplifies ISO/GLP compliance and eliminates the need for inconvenient offsite recalibration.
- **Ensure Reliable Results:** Every Transferpette® is subjected to a thorough series of tests and is supplied with an individual performance certificate as well as a one-year warranty (three years for single channels).



**Unique natural grip. Modern form.
Superior function.**



Transferpette® single & multichannel pipettes

Secure, Comfortable Tip Ejector

Tip ejector is mounted high, next to the pipetting key to limit unintended tip ejection.

The thumb sweeps comfortably sideways from the pipetting key, allowing you to deliver the needed force with the minimum of strain.

Ergonomic Design

The side-mounted pipetting key reduces hand fatigue, especially during serial pipetting applications.

The unique hook-shaped handle lets the light-weight pipette suspend freely from the operator's hand, reducing the gripping strain that contributes to Repetitive Stress Injuries (RSI).

Autoclavable Lower Housing

The lower housing of the Transferpette® (and the entire manifold of the Transferpette® multichannel) is autoclavable at 250°F (121°C) for biohazardous, pharmaceutical, and other sterile applications.

The lower housing removes easily and quickly so that only the parts of the pipette that contact your sample are autoclaved, increasing the overall life of the instrument and reducing the need for recalibration.

Nose Cone

The Transferpette® pipette's nose cone accommodates tips from most major manufacturers. Tip cones on multichannel models feature V-rings to adapt to subtle tip variability and reduce tip mounting and ejection forces.

Easy-To-Read-Settings



Simple Operation

The volume adjustment knob turns easily without snagging gloves. Each control has a dedicated function to prevent inadvertent volume changes or tip ejection.

Grip and Housing

The Transferpette® is designed around the contours of the human hand for maximum comfort. Lightweight, yet durable, the Transferpette® is designed for prolonged use.

Pipette Shaft

The slim shaft on single channel models makes it possible to pipette into narrow vessels such as tubes and volumetric flasks without removing the tip ejector.

Additional Multichannel Features

The Transferpette®-8/-12 pipettes also include many special features for economy, convenience and strain relief. Flexible V-rings on nose cones seal easily to tips from many manufacturers, and reduce tip mounting and ejection forces. The stepped tip ejector reduces tip ejection force by up to 75% compared with traditional ejectors. The manifold rotates to a comfortable work position, and removes easily for autoclaving. And cleaning and service are easy! See page 4.



Easy Calibration

Easy Calibration™

Easy Calibration™ technology makes compliance to ISO 9001 and GLP standards simple. Every pipette has a serial number and individual calibration certificate for reliable tracking.

More help with calibration!

See page 50-51 for a description of BRAND's EASYCAL™ software – the simplest way to perform calibration calculations and track results!

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.

1

Pull off the tip ejector cap.



2

Remove securing plate.



3

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



4

Replace securing plate.



5

Replace tip ejector cap. It's calibrated!



Sub-micro Transferpette®

The Transferpette® 0.1-1µL can pipette small volumes with unparalleled accuracy and precision. The pipette, when used with BRAND nano-cap™ tips, drastically reduces the column of air between the piston and sample. The ultra-thin bore and walls allow visual confirmation of sample volume and precise placement into vials.



This pipette is excellent for molecular analyses, including PCR*, restriction analyses, protein chemistry, enzymatics, and more

*The Polymerase Chain Reaction (PCR) is a patented process of Hoffman-La Roche. Use of the PCR process requires a license.

60mL Reagent Reservoir

- Polypropylene with translucent lid
- Autoclavable at 250°F (121°C) for 20 minutes
- Ten reservoirs per pack
- Sterile version available



Technical Data

Operating limits

Liquids unsuitable for use with the Transferpette® include, but are not limited to, those with:

- high vapor pressure or high viscosity;
- reagents that attack PP.

- Temperature of instrument and reagent must be between 59° and 104°F (15° and 40°C).
- May not be operated in Reverse Mode per ISO 8655/2.



Select the correct tip

Tip	Type	Capacity
N	nano-cap™	0.1–20µL
A	ultra-micro	0.5–20µL
B	yellow/neutral	2–200µL
C	neutral	5–300µL
D	blue/neutral	50–1000µL
E	neutral	50–1250µL
F	neutral	0.5–5mL
G	neutral	1–10mL
H	filter tip	0.5–10µL
I	filter tip	2–20µL
J	filter tip	5–100µL
K	filter tip	5–200µL
L	filter tip	50–1000µL

Transferpette® single & multichannel pipettes

ORDERING INFORMATION

Capacity µL	Accuracy within*≤±		Coefficient of Variation*≤		Increment µL	Type of tip** (see tip chart page 15)	Cat. No.	2009 List Price
	%	µL	%	µL				
Transferpette® Fixed Volume Single Channel Pipettes — ship with operating manual, performance certificate and a 3-year warranty								
5	1.0	0.05	0.8	0.04	-	B, C	2704106	\$150.00
10	1.0	0.1	0.8	0.08	-	B, C	2704108	150.00
20	0.7	0.14	0.4	0.08	-	B, C, I, J	2704116	150.00
25	0.7	0.175	0.4	0.1	-	B, C, J	2704120	150.00
50	0.7	0.35	0.4	0.2	-	B, C, J	2704128	150.00
100	0.5	0.5	0.2	0.2	-	B, C, J	2704138	150.00
200	0.5	1	0.2	0.4	-	B, C, K	2704144	150.00
200	0.5	1	0.2	0.4	-	D, E	2704146	150.00
250	0.5	1.25	0.2	0.5	-	D, E	2704148	150.00
500	0.5	2.5	0.2	1	-	D, L, E	2704154	150.00
1000	0.5	5	0.2	2	-	D, L, E	2704162	150.00
2000 (2mL)	0.5	10	0.2	4	-	F	2704164	150.00
Transferpette® Adjustable Volume Single Channel Pipettes — ship with operating manual, performance certificate and a 3-year warranty								
0.1-1	2	0.02	1.2	0.012	0.005	N	2704101	300.00
0.5-10	1.0	0.1	0.8	0.08	0.05	A, N, H	2704102	272.00
2-20	0.7	0.14	0.4	0.08	0.1	A, N, H**	2704103	272.00
2-20	0.7	0.14	0.4	0.08	0.1	B, C, I, J	2704104	272.00
5-50	0.7	0.35	0.4	0.2	0.1	B, C, I**, J	2704172	272.00
10-100	0.5	0.5	0.2	0.2	0.1	B, C, I**, J	2704174	272.00
20-200	0.5	1	0.2	0.4	1	B, C, I**, J, K	2704178	272.00
25-250	0.5	1.25	0.2	0.5	1	D, E	2704176	272.00
100-1000	0.5	5	0.2	2	1	D, E, L	2704180	272.00
500-5000 (0.5-5mL)	0.5	25	0.2	10	10	F	2704184	250.00
Transferpette® Pipette Set:								
Includes 3 Transferpette® single channel pipettes (0.5-10µL, 10-100µL and 100-1000µL); one box each of ultra-micro, 200µL and 1000µL tips; and a pipette stand							2704190	743.00
Deluxe Transferpette® Pipette Set								
Includes 5 Transferpette® single channel pipettes (0.5-10µL, 2-20µL, 10-100µL, 20-200µL and 100-1000µL)							27041DX	1,225.00
Benchtop Pipette Stand (holds six single channel instruments)							703208	170.00
Wall-Mounted Pipette Stand (holds three single channel instruments)							703210	71.00
Transferpette®-8 Eight Channel Pipettes — ship with pipette stand, reagent reservoir, tip sampler, spare V-rings, performance certificate, and 1-year warranty								
0.5-10	1.6	0.16	1.0	0.1	0.05	A, N, H	2703600	640.00
2-20	1.0	0.2	0.6	0.12	0.1	A, N, H**	2703602	640.00
2.5-25	1.0	0.25	0.6	0.15	0.1	B, C, I**	2703604	640.00
5-50	0.8	0.4	0.4	0.2	0.1	B, C, I**	2703606	640.00
10-100	0.8	0.8	0.3	0.3	0.1	B, C, I**, J	2703608	640.00
20-200	0.6	1.2	0.3	0.6	1.0	B, C, I**, J**, K	2703610	640.00
30-300	0.6	1.8	0.3	0.9	1.0	B**, C, J**, K**	2703612	640.00
Transferpette®-12 Twelve Channel Pipettes — ship with pipette stand, reagent reservoir, tip sampler, spare V-rings, performance certificate, and 1-year warranty								
0.5-10	1.6	0.16	1.0	0.1	0.05	A, N, H	2703620	785.00
2-20	1.0	0.2	0.6	0.12	0.1	A, N, H**	2703622	785.00
2.5-25	1.0	0.25	0.6	0.15	0.1	B, C, I**	2703624	785.00
5-50	0.8	0.4	0.4	0.2	0.1	B, C, I**	2703626	785.00
10-100	0.8	0.8	0.3	0.3	0.1	B, C, I**, J	2703628	785.00
20-200	0.6	1.2	0.3	0.6	1.0	B, C, I**, J**, K	2703630	785.00
30-300	0.6	1.8	0.3	0.9	1.0	B**, C, J**, K**	2703632	785.00
Stand for Transferpette®-8/-12 multichannel pipettes (holds one)							703440	34.00
Autoclavable Reagent Reservoirs , pack of 10, with translucent lids (Sterile Ind.-wrapped & sterile 5-packs avail. Details: www.brandtech.com)							703459	29.00
V-ring/O-ring (green) for Transferpette®-8/-12 ultra-micro tip cones (0.5-10µL, 2-20µL)							703413	27.00
V-ring/O-ring (black) for Transferpette®-8/-12 tip cones , all other sizes							703491	25.00

* Final test values relative to the nominal capacity (maximum volume) indicated on the instrument, obtained when instrument and distilled water are equilibrated at the ambient temperature (68°F/20°C), and with smooth operation.

** Please note: tip capacity may be less than capacity of pipette.