

Liquid Handling – Easy Handling!



Transferpette®

F I R S T C L A S S · B R A N D

The Transferpette® is designed to fit your hand. Result: safe and fatigue-free pipetting, even in long series. Convincing factors: low weight, precision, smart technology and versatility.

- Ten adjustable-volume models in the range from 0.1 µl to 5 ml
- Twelve fixed-volume models in the range from 5 µl to 2 ml
- Digital models feature Easy Calibration – readjustment without special tools
- PipSet: 3 different sizes of Transferpette®, complete with a bench-top rack and pipette tips



Teamwork

The entire range from 0.1 µl to 5 ml

Economical – specific – versatile!

With only 5 instruments you can cover the entire volume range from 0.1 µl to 5 ml.

You can choose from 10 models of the digital-adjustable Transferpette® and from 12 models of the fixed-volume type.



Quality down to the tips!

Optimal performance will be achieved with your Transferpette® with the use of genuine PLASTIBRAND® premium tips. These premium quality tips guarantee a perfect fit and excellent results with the Transferpette®, and can be used with other manufacturers pipettes as well.

For detailed information please see our current General Catalog, or our website www.brand.de.



Form and Function

Ergonomic shape for relaxed work

The Transferpette® is ideal for routine laboratory and research applications.

The unique, lightweight, ergonomic design puts the Transferpette® into a class of its own.



Easy Handling

The Transferpette® features a unique hook-shaped handle that allows the pipette to suspend freely from your relaxed hand. The ergonomic design positions the pipetting key on the side of the unit for reduced strain. The thumb sweeps comfortably sideways to eject the tips, unlike the strenuous cocked-thumb position of conventional pipettes. This feature is especially important for fatigue-free pipetting of long series. Furthermore, each control element has only one single function to simplify operation as well as limit inadvertent tip ejection or volume adjustment. Last not least, the system is equally suited for right and left handers!



Adjusting the volume



1. Aspirating



2. Discharging



3. Ejecting

Transferpette® in Detail

1 Pipetting key

The side mounted pipetting key reduces hand fatigue, especially when performing serial pipetting operations.

2 Volume adjustment

The volume adjustment knob turns easily without snagging gloves.

3 Hand grip

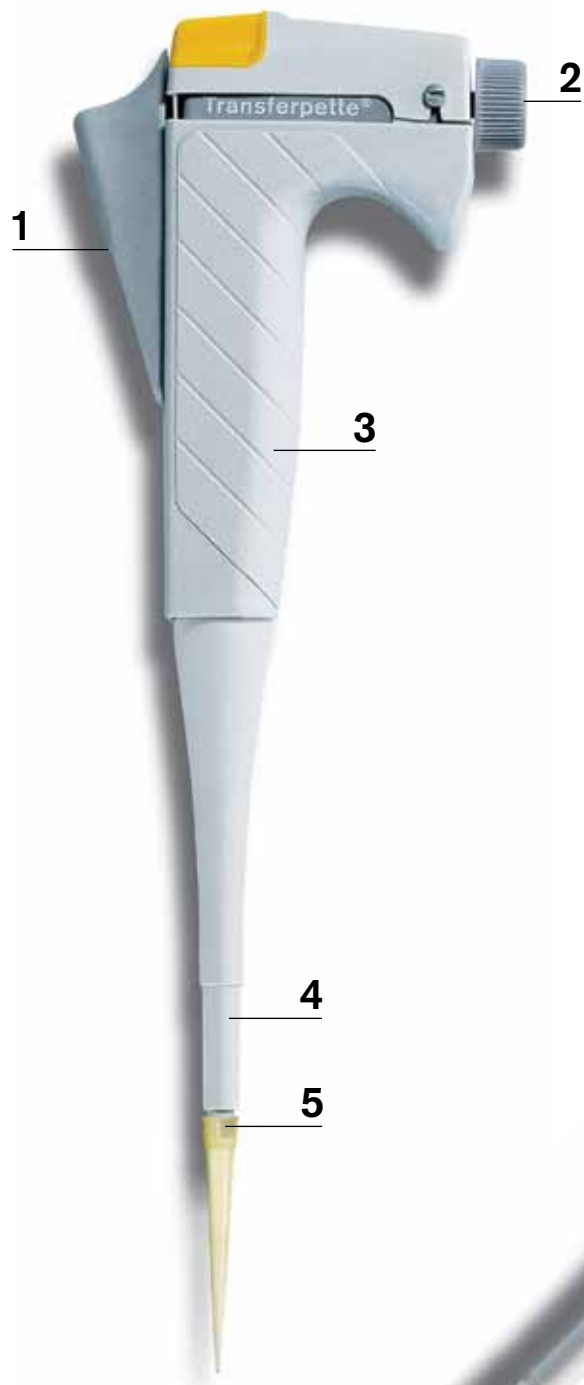
The textured housing ensures a firm grip, and is UV resistant.

4 Pipette shaft

The slim shape allows pipetting into the narrowest vessels, while the tip ejector remains fully functional. High-grade materials, such as corrosion-resistant glass pistons, provide for a long life. The complete pipette shaft is autoclavable.

5 Nose cone

Due to its unique shape, the cone will accommodate tips from most major manufacturers.



Narrow applications - no problem!

The Transferpette® allows easy access and pipetting from narrow diameter vessels. The slim shaft design combined with genuine PLASTIBRAND® tips allows access to the bottom of volumetric flasks and narrow tubes. For example, when using the Transferpette® 0.5-5 ml combined with 5 ml PLASTIBRAND®

tips you can pipette easily from small volumetric flasks with NS 12/21 ground necks, or, with Transferpette® size up to 200 µl, from the narrowest test tubes, with the tip ejector remaining fully functional.



Precision and Quality

Factory certified performance

Every Transferpette® is subjected to a thorough series of tests in the factory and is supplied with serial number and performance certificate.

Qualitätszertifikat/Certificate of Performance Certificat de qualitat/Certificado de calidad		Transferpette®		LH 65527 Art
Nennvolumen/Nominal volume: Volume nominal/Volumen nominal:	10.0 µl	Prüfer/Operator Verificador/Comprobador:	0247	
Serien-Nr./Serial-no.:	02C2365	Ausstellungsdatum/Date of issue: Date de livraison/Fecha de exposición:	2010-02-02	
Gemessene Richtigkeit (R): Measured Accuracy (A): Exactitud (E) mesure: Exactitud (E) medida:	0.23 %	Prüfmittel/Testing devices/Instruments de contrôle/ Instrumentos de medición:	Waage/Balance: 300400-19, 220g/0,00001 Balance/Balanza: 300400-19, 220g/0,00001 Dreihelmeßung erfolgt alle 3 Monate./The calibration is effected every 3 months./ Le contrôle est effectué tous les 3 mois./El calibrado se efectúa cada tres meses. 800033-1, F1	
Gemessener Variationskoeffizient (VK): Measured Coefficient of variation (CV): Coeficiente de variación mesure (CV): Coeficiente de variación medido (CV):	0.26 %	Thermometer/Thermometer: 351000-65, 0-30°C/0,1°C Termómetro/Termómetro: (2017, EA Darmst., Nr. 2446)	Gewichte/Weights/Poids/Peso: (2007, DKD 11801, Nr. G1-389)	
<p><small>Diese Prüfprotokolle sind hergestellt auf den Normenwerten bei 20 °C. Die Prüfung erfolgte gemäß ISO 8655. Die Messungen Normale sind auf die Normale der PTB angepasst. Kalibrierungen für Richtigkeit (R) und Variationskoeffizient (VK) variieren durch Labordrift und/oder inhomogenes Verhalten. These trial result values refer to nominal volume at 20 °C. The test was effected according to ISO 8655. The used standards are corrected on to the standards of the PTB (German Federal Institute of Physics and Metrology). Tolerances for accuracy (A) and Coefficient of variation (CV) are stated in the operating manual.</small></p> <p><small>Ces protocoles sont se réfèrent au volume nominal à 20 °C. Le test a été effectué selon ISO 8655. Les valeurs indiquées sont les valeurs du PTB (Institut Français de Physique des Atomes et des Rayonnements). Pour les limites d'erreur de Exactitude (E) et Coefficient de variation (CV) consultez le mode d'emploi.</small></p> <p><small>Para valores de control tras ser referidos al volumen nominal a 20 °C. El control se efectuó de acuerdo con ISO 8655. Los patrones utilizados son correctos a los estándares del PTB (Instituto alemán de calibración y estándares). Los límites de error para Exactitud (R) y Coeficiente de variación (CV) se pueden encontrar en el manual de instrucciones en alemán.</small></p>				
				
		BRAND GMBH + CO KG Postfach/P.O. Box 1185 87877 Wertheim/Main Germany www.brand.de		

Easy Calibration

The regular checking of air-interface pipettes required by ISO 9000 and GLP regulations is facilitated in the case of the Transferpette® by the convincingly simple "Easy Calibration" system.

- In-Lab Calibration:
No need to send out the Transferpette® for calibration
- In less than 30 seconds adjustment can be completed
- Digital models do not require any special tools. Fixed models are supplied with a small key
- Calibration can be adjusted to meet your special needs

Example:
Gravimetric testing yields a delivered volume of 98.5 µl at a set volume of 100 µl (with a medium which has a different viscosity than water, or in a cold room).



3. Set volume to actual value (e.g., 98,5 µl).



1. Pull off tip ejector cap.



4. Replace securing plate.



2. Remove securing plate.



5. Replace tip ejector cap. Calibration done!



To further facilitate calibration BRAND has developed EASYCAL™ calibration software. This Windows® based testing software, in conjunction with your balance, determines accuracy and precision values for any liquid handling instrument. Instrument-specific Standard Operating Procedures (SOPs) describe step-by-step testing procedures. A free demo and SOPs are available at our website www.brand.de or can be ordered directly from BRAND. BRAND also offers calibration service by factory authorized technicians.

Technical Data

Ordering Information

Transferpette® Fixed volume and Digital adjustable, conformity certified

Capacity µl	A* ≤ ±		CV* ≤		Subdivision µl	Tip size	Cat. No.
	%	µl	%	µl			
Fixed volume							
5	1.0	0.05	0.8	0.04	–	B, C	7041 06
10	1.0	0.1	0.8	0.08	–	B, C	7041 08
20	0.8	0.16	0.4	0.08	–	B, C, G, H	7041 16
25	0.8	0.2	0.4	0.1	–	B, C, H	7041 20
50	0.8	0.4	0.4	0.2	–	B, C, H	7041 28
100	0.6	0.6	0.2	0.2	–	B, C, I	7041 38
200	0.6	1.2	0.2	0.4	–	D	7041 44
200	0.6	1.2	0.2	0.4	–	D	7041 46
250	0.6	1.5	0.2	0.5	–	D, J	7041 48
500	0.6	3	0.2	1	–	D, J	7041 54
1000	0.6	6	0.2	2	–	D	7041 62
2000	0.6	12	0.2	4	–	E	7041 64
Digital adjustable							
0.1 - 1	2.0	0.02	1.2	0.012	0.005	N	7041 01
0.5 - 10	1.0	0.1	0.8	0.08	0.05	A, N, F	7041 02
2 - 20	0.8	0.16	0.4	0.08	0.1	A, N, F**	7041 03
2 - 20	0.8	0.16	0.4	0.08	0.1	B, C, G, H	7041 04
5 - 50	0.8	0.4	0.4	0.2	0.1	B, C, G**, H	7041 72
10 - 100	0.6	0.6	0.2	0.2	0.1	B, C, G**, H	7041 74
20 - 200	0.6	1.2	0.2	0.4	1	B, C, G**, H**, I**	7041 78
25 - 250	0.6	1.5	0.2	0.5	1	D	7041 76
100 - 1000	0.6	6	0.2	2	1	D, J**	7041 80
500 - 5000	0.6	30	0.2	10	10	E	7041 82

* Final test values relative to the nominal capacity (maximum volume) indicated on the instrument, obtained at equal temperature (20 °C) of instrument, ambience and dist. water, and with smooth, jerk-free operation. A = accuracy, CV = coefficient of variation.

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



PipSet Transferpette®

3 Transferpette® pipettes (0.5-10 µl, 10-100 µl, 100-1000 µl), 1 bench-top rack, 3 boxes of pipette tips Tip-Box N of matching sizes

Cat. No. 7041 90



Items supplied

1 Transferpette® Fixed volume or Digital adjustable, calibration key for Fix type (no tools are needed for Digital adjustable), performance certificate, operating manual.

The Transferpette® can be used with tips from most major manufacturers. We recommend:

Type of tip	Tip	Capacity µl
A	ultra-micro	0.5 - 20
B	yellow	2 - 200
C	neutral	5 - 300
D	blue	50 - 1000
E	neutral	500 - 5000
F	filter tip	0.5 - 10
G	filter tip	2 - 20
H	filter tip	5 - 100
I	filter tip	5 - 200
J	filter tip	50 - 1000
N	nano-cap™	0.1 - 20

Bench-tip rack

for 3 Transferpette® pipettes*

Cat. No. 7032 03

for 2 x 3 Transferpette® pipettes* (Rondell)

Cat. No. 7032 08

* incl. 1 or 2 adapters for Transferpette® 2 ml or 0.5-5 ml

Wall/rack mount

for 3 Transferpette® pipettes

Cat. No. 7032 10

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Our technical literature is intended to inform and advise our customers. However, the validity of general empirical values, and of results obtained under test conditions, for specific applications depends on many factors beyond our control. Please appreciate therefore that no claims can be derived from our advice. The user is responsible for checking the appropriateness of the instrument for any particular application.

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