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**BRAND**



## Transferpette<sup>®</sup> S

A perfect fit for every hand!

**BRAND. For lab. For life.<sup>®</sup>**

- + Efficient: one-hand operation
- + Flexible: ergonomic design for every hand
- + Reliable: volume-change protection prevents accidental adjustments



# Get to know the Transferpette® S

Precision workmanship, high grade materials, "Made in Germany" quality – it's what you see on first glance and appreciate every time you use the new Transferpette® S. In your hand, you will experience the finer points of the design. A slim hand-grip fits comfortably and securely in all hands – right, left, big or small. It is lightweight and balanced, with short operating paths for comfort, even in extended pipetting sessions. All functions, from volume setting and pipetting to tip ejection can be performed single-handed without changing your grip. This intuitive design allows for comfortable, efficient operation, essential for lengthy pipetting tasks. The newly designed volume-change protection of the

Transferpette® S prevents inadvertent volume changes, thus providing additional reliability and reproducibility of results. It is easy to operate, even when wearing gloves, and clearly shows whether the volume setting is secured. Narrow centrifuge tubes? Thanks to the slim shaft of the Transferpette® S, you can easily pipette into 15 ml conical tubes, among others. Wiping down the pipette is easy, as the shaft tucks inside the handgrip for smooth surfaces. Experience how simple, easy and efficient pipetting can be with the new Transferpette® S, and find the right single- or multi-channel pipette for your application on the following pages.

## Transferpette® S – single-channel

Ten adjustable volume sizes  
range from 0.1 µl to 10 ml



## Transferpette® S – multi-channel

Five adjustable volume sizes  
range from 0.5 µl to 300 µl



- + Universal tip cone
- + Completely autoclavable at 121 °C
- + Color-coded pipette accents make pipette and tip selection easy
- + Easy mounting and ejection of tips with O-rings on multi-channel pipettes
- + High chemical resistance due to carefully selected materials and corrosion resistant pistons and ejectors
- + UV resistance
- + 3-year warranty for single-channel pipettes

# At a glance: Advantages of the Transferpette® S

Whether you are using the single-channel pipette or the 8- and 12-channel models, the Transferpette® S is always the first choice for simple and efficient pipetting in demanding applications.

The single-channel pipettes cover a wide volume range from 0.1 µl to 10 ml. Pipettes with small nominal volumes provide high precision for small-volume applications such as those found in molecular biology, e.g. for pipetting enzymes.

Large nominal volumes are used for water and environmental analysis, for example, where durability is critical. For standardized applications with specific volumes, we offer economical fixed volume models.

## Genuine one-hand operation

Set the volume, pipette and eject the tip – all without changing your grip

## Volume-change protection

Secures the set volume from accidental adjustment

## Ergonomic

Low operating forces and short stroke

## Easy Calibration technology

Simple adjustment, without tools

## MyProduct

Scan the QR code and request certificates and documents for your individual product online

Transferpette® S,  
fixed volume

Transferpette® S,  
adjustable volume

## Slim shaft

Easy access to narrow vessels

**USER TIP**  
on page 11



Easy Calibration technology



Volume-change protection



Integrated shaft coupling



Product documentation

# The Transferpette® S-8 and S-12 multi-channel pipettes

Work in microplates and PCR plates is efficient with the multi-channel models of the Transferpette® S. These 8- and 12-channel pipettes cover the volume range

from 0.5 µl to 300 µl. They provide all the advantages of the single-channel models, plus additional features that make work and maintenance easier.



### Adapts to you

Pipetting unit can be rotated 360° for individualized comfort

### Low forces

Easy mounting and ejection of tips due to O-rings

### Easy cleaning and maintenance

Individual nose cones and seals can be easily removed for cleaning or replacement



Narrow centrifuge tubes



Sample preparation



Working with PCR plates



Easy maintenance

# The right pipette for your applications



## Transferpette® S, adjustable volume

Items supplied: Transferpette® S, DE-M marking, performance certificate, shelf / rack mount and silicone grease

	Capacity, µl (color-coded)		Description	A* ≤ ± %	µl	CV* ≤ %	µl	Subdivision µl	Cat. No.
●	0.1	– 1	D-1 ①	2	0.02	1.2	0.012	0.001	705868
●	0.1	– 2.5	D-2.5 ②	1.4	0.035	0.7	0.018	0.002	705869
●	0.5	– 10	D-10	1	0.1	0.5	0.05	0.01	705870
●	2	– 20	D-20	0.8	0.16	0.4	0.08	0.02	705872
●	5	– 50	D-50	0.8	0.4	0.3	0.15	0.05	705873
●	10	– 100	D-100	0.6	0.6	0.2	0.2	0.1	705874
●	20	– 200	D-200	0.6	1.2	0.2	0.4	0.2	705878
●	100	– 1000	D-1000	0.6	6	0.2	2	1	705880
●	500	– 5000	D-5000 ③	0.6	30	0.2	10	5	705882
●	1000	– 10000	D-10000 ④	0.6	60	0.2	20	10	705884



## Transferpette® S, fixed volume

Items supplied: Transferpette® S, DE-M marking, performance certificate, shelf / rack mount and silicone grease

	Capacity, µl (color-coded)	Description	A* ≤ ± %	µl	CV* ≤ %	µl	Cat. No.
●	10	F-10	1	0.1	0.5	0.05	705808
●	20	F-20 ⑤	0.8	0.16	0.4	0.08	705816
●	25	F-25	0.8	0.2	0.4	0.1	705820
●	50	F-50	0.8	0.4	0.4	0.2	705828
●	100	F-100	0.6	0.6	0.2	0.4	705838
●	200	F-200 ⑤	0.6	1.2	0.2	0.2	705844
●	500	F-500	0.6	3	0.2	0.2	705854
●	1000	F-1000	0.6	6	0.2	0.2	705862
●	2000	F-2000	0.8	16	0.3	0.3	705864



All product information  
can be found at [shop.brand.de](http://shop.brand.de)

## Pipette-Sets, Transferpette® S, adjustable volume



Pipette Package 2

Type	Description	Cat. No.
MICRO	3 Pipettes (D-2.5, D-10, D-100), 3 x TipBox, 3 shelf/rack mounts	705890
MID	3 Pipettes (D-20, D-200, D-1000), 3 x TipBox, 3 shelf/rack mounts	705891
MACRO	3 Pipettes (D-1000, D-5000, D-10000), 3 shelf/rack mounts	705892
STANDARD	3 Pipettes (D-10, D-100, D-1000), 3 x TipBox, 3 shelf/rack mounts	705893
PIPETTE PACKAGE 1	5 Pipettes (D-2.5, D-10, D-20, D-200, D-1000), 3 x TipBox, bench top rack	705896
PIPETTE PACKAGE 2	5 Pipettes (D-10, D-100, D-200, D-1000, D-5000), 4 x TipBox, bench top rack	705897

## Transferpette® S-8

Items supplied: Transferpette® S-8, DE-M marking, performance certificate, 2 x TipBox, filled with pipette tips from BRAND, 1 shelf / rack mount, 1 reagent reservoir, 1 mounting tool, silicone grease and 1 set of sealing rings made of silicone/FKM.



	Capacity, µl (color-coded)	Description	A* ≤ ± %	CV* ≤ %	Subdivision µl	Cat. No.
●	0.5 – 10	M8-10	1.6	1.0	0.01	705900
●	5 – 50	M8-50	0.8	0.4	0.05	705906
●	10 – 100	M8-100	0.8	0.3	0.1	705908
●	20 – 200	M8-200	0.8	0.3	0.2	705910
●	30 – 300	M8-300	0.6	0.3	0.5	705912

## Transferpette® S-12

Items supplied: Transferpette® S-12, DE-M marking, performance certificate, 2 x TipBox, filled with pipette tips from BRAND, 1 shelf / rack mount, 1 reagent reservoir, 1 mounting tool, silicone grease and 1 set of sealing rings made of silicone/FKM.



	Capacity, µl (color-coded)	Description	A* ≤ ± %	CV* ≤ %	Subdivision µl	Cat. No.
●	0.5 – 10	M12-10	1.6	1.0	0.01	705920
●	5 – 50	M12-50	0.8	0.4	0.05	705926
●	10 – 100	M12-100	0.8	0.3	0.1	705928
●	20 – 200	M12-200	0.8	0.3	0.2	705930
●	30 – 300	M12-300	0.6	0.3	0.5	705932

**Notice:** When ordering instruments with DAkKS calibration certificates, the prefix 'DAkKS' must be added to the order number, e.g., DAkKS 705920.

\* Calibrated to deliver (TD, Ex). Error limits according to the nominal capacity (= maximum volume) indicated on the instrument, obtained with instrument and distilled water at equilibrium with ambient temperature at 20 °C, and with smooth operation.

A = Accuracy, CV = Coefficient of variation

- ① D-1 for use only with nano-cap™ tip from BRAND.
- ② D-2.5: when using BRAND nano-cap™ tips or tips from other manufacturers, calibration and possibly adjustment is necessary.
- ③ D-5000 for use only with 5 ml tip from BRAND and 5 ml tip from Thermo Fisher Scientific Inc. (Finnpipette®).
- ④ D-10000 for use with 10 ml tip from BRAND and appropriate tips from Gilson® and Eppendorf®.
- ⑤ For use only with 2-200 µl pipette tips.

# Accessories for simple and efficient work

Original Transferpette® S accessories ensure optimal work conditions in the laboratory.

With holders and stands, the devices are always properly stored and close at hand for the next application.



**Shelf/rack mount**  
for 1 Transferpette® S  
single- or multi-channel pipette.

Pack of Cat. No.

1 704811



**Wall mount**  
for 1 Transferpette® S  
single- or multi-channel pipette.

Pack of Cat. No.

1 704812



**Bench top rack**  
for 6 Transferpette® S  
single- or multi-channel pipettes.

Pack of Cat. No.

1 704807



**Filter**  
for Transferpette® S  
single-channel pipette (volume range  
500–5000 µl and 1000–10 000 µl).

Description Pack of Cat. No.

500–5000 µl 25 704652

1000–10 000 µl 25 704653



Additional accessories  
can be found at [shop.brand.de](http://shop.brand.de)

# The right pipette tip for your Transferpette® S

BRAND pipette tips and filter tips fit perfectly on the Transferpette® S and many other pipettes. The tips are manufactured from high-quality materials in a state-of-the-art cleanroom in Germany.

All racked tips and filter tips up to 1000 µl are free from DNA (<40 fg), RNase (<8.6 fg), endotoxins (<1 pg) and ATP (<1 fg) and ensure contamination-free work.

BRAND offers a full tip system for any application requirement. In addition, tips from many other manufacturers can be used with the Transferpette® S. More detailed information is available on request.

Pipette tips Filter tips Volume range	Transferpette® single-channel Nominal volume													Transferpette® multi-channel Nominal volume				
	1 µl	2.5 µl	10 µl	20 µl	25 µl	50 µl	100 µl	200 µl	500 µl	1000 µl	2 ml	5 ml	10 ml	10 µl	50 µl	100 µl	200 µl	300 µl
0.1 - 20 µl	✓	✓ <sub>2)</sub>	✓ <sub>2)</sub>											✓				
0.5 - 20 µl		✓	✓											✓				
1 - 50 µl		✓ <sub>2)</sub>	✓											✓				
2 - 200 µl <sup>1)</sup>				✓	✓	✓	✓	✓							✓	✓	✓	✓
5 - 300 µl				✓	✓	✓	✓	✓							✓	✓	✓	✓
50 - 1000 µl <sup>1)</sup>									✓	✓								
50 - 1250 µl <sup>3)</sup>										✓ <sub>2)</sub>								
50 - 1250 µl XL <sup>3)</sup>										✓ <sub>2)</sub>								
0.5 - 5 ml											✓	✓						
1 - 10 ml													✓					
0.1 - 1 µl	✓	✓ <sub>2)</sub>	✓ <sub>2)</sub>											✓				
0.5 - 10 µl		✓	✓											✓				
1 - 20 µl			✓											✓				
2 - 20 µl				✓	✓	✓	✓	✓							✓	✓	✓	
5 - 100 µl				✓	✓	✓	✓	✓							✓	✓	✓	✓
5 - 200 µl								✓							✓	✓	✓	✓
50 - 1000 µl									✓	✓								
50 - 1250 µl <sup>3)</sup>										✓ <sub>2)</sub>								
50 - 1250 µl XL <sup>3)</sup>										✓ <sub>2)</sub>								



✓ = Tip volume less than pipette's nominal volume  
 1) Bulk tips are yellow or blue colored; racked tips are colorless in a yellow-colored or blue-colored tip tray  
 2) Calibration and possible adjustment needed  
 3) 1250 µl = Length 86 mm, 1250 µl XL = Length 102 mm

# The tip system: TipBox – TipRack

With the tip system from BRAND, you will find an efficient solution for every requirement.

With the TipRack refilling system, you also reduce the amount of waste in the laboratory.

## TipBox

The box is stackable and repeatedly autoclavable at 121 °C (2 bar), according to DIN EN 285.

### Transparent window

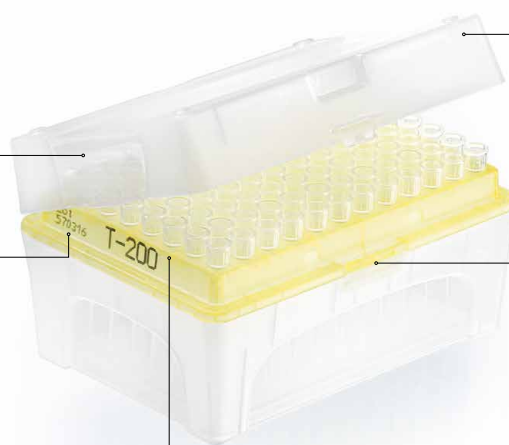
For better visual inspection

### Labeling

Each tip tray is marked with the tip type, tip size and batch number.

### Tip tray border

is rimless and enables problem-free loading of individual pipette tips with multi-channel instruments.



### Hinged or push-on lid

Simply rotate lid 180°

### Lock

Enables single-hand opening and closing. The clamp mechanism securely holds the tip tray in the box.



## TipRack, sterile and non-sterile

For TipBox. Refill unit, protected in environmentally-friendly blister packaging made of recyclable PET. Sterile TipRacks are supplied with a transfer aid, in order to insert the rack into a previously autoclaved box without hand contact. Compared to the filled TipBoxes the amount of waste with the refill units is reduced by over 20%.



## Bag, non-sterile

Bulk packed pipette tips. All pipette and filter tips are produced in controlled cleanroom conditions, automatically shrink-wrapped in a resealable bag and packed into cardboard boxes. The batch number is printed on each bag.

# Easy Calibration technology: adjustment without tools

Monitoring of measuring instruments in accordance with ISO 9001 and the GLP guidelines requires regular verification (roughly every 3–12 months) and possibly adjustment of the measuring instruments. If adjustment is necessary, it can be done quickly and easily using Easy Calibration technology. Easy Calibration technology is also suitable for setting the equipment for solutions of different density and viscosity, or specially-shaped pipette tips.

## Easy Calibration

### 1.

Perform a volume check and determine the actual value.  
(Instructions see right)



### 2.

Remove label window and labeling film: Gently move the latch and lift it off.



### 3.

Using a paper clip or an unused pipette tip, remove protective tab (the protective tab can be discarded).



### 4.

Slide the red adjustment slider back completely, lift the volume-setting wheel (decoupling) and release the adjustment slider.

### 5.

Set the adjustment value:

Transferpette® S, adjustable: with the volume-setting wheel in the UNLOCK position, set to the previously determined actual value.

Transferpette® S, fixed volume: set the volume by rotating in the +/- direction.

A volume check is recommended after every adjustment.

### 6.

Slide the adjustment slider completely back again, push the volume-setting wheel downward and release the adjustment slider. Reattach the labeling film and reassemble the label window.

**Notice:** The change to factory settings is indicated by the red adjustment slider now visible in the label window.



## Checking the volume

### a) Setting the nominal volume

Set the maximum specified instrument volume.

### b) Conditioning the pipette

Condition the pipette before testing by aspirating and dispensing the test liquid (H<sub>2</sub>O distilled) with a pipette tip five times.

### c) Performing the test

- Aspirate the test liquid and pipette into the weighing vessel.
- Weigh the pipetted amount with an analytical balance. (Please refer to the user manual of the scale manufacturer.)
- Calculate the pipetted volume (with factor Z). In doing so, take into account the temperature of the test liquid.
- At least 10 pipetting series and weighings in 3 volume ranges (100 %, 50 %, 10 %) are recommended.

**Notice:** In accordance with DIN EN ISO 8655-2, a tip change is recommended after each individual measurement. An exception to this rule can be made, according to DAkkS guideline DKD-R8-1.

- + On-site calibration and adjustment
- + Easy setting to specific operating conditions
- + No tools needed
- + Time-saving

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Further information on products and applications can be found on our YouTube channel: [mylabBRAND](https://www.youtube.com/mylabBRAND)



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**Renewable energy**

In our factory we use 100% eco-friendly energy from certified hydro-electric power plants and energy generated on premise from our high efficiency cogeneration unit.



**Sustainable packaging**

We use cardboard with approx 90% recycled content for our product packaging.

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