BRAND®

Transferpette® S

A perfect fit for every hand!

BRAND. For lab. For life.®

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

fisher scientific
part of Thermo Fisher Scientific

200
µl
BRAND
Transferpette® S-8
20 - 200 µl
Adjust
Disassemble

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

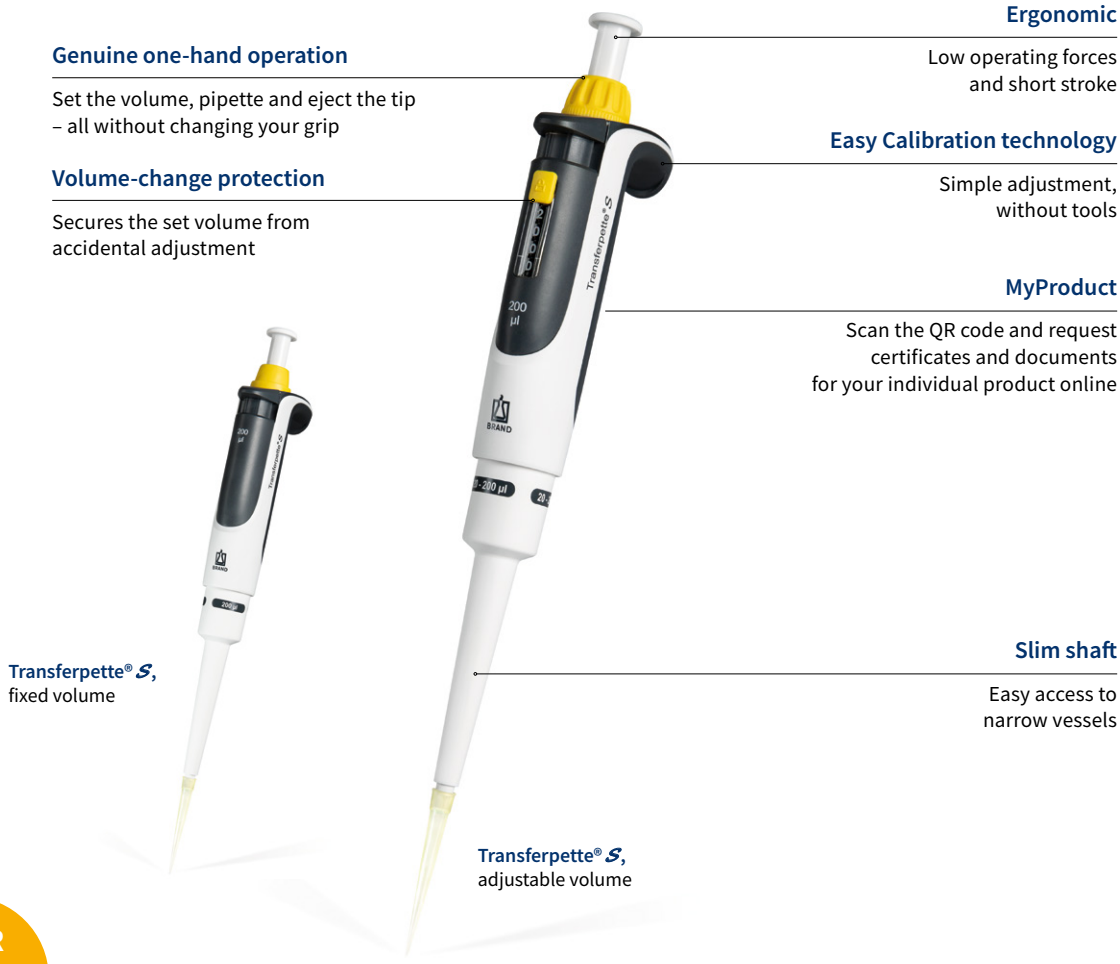
- Universal tip cone
- Completely autoclavable at 121 °C
- Color-coded pipette accents make pipette and tip selection easy
- Easy mounting and ejection of tips with O-rings on multi-channel pipettes
- High chemical resistance due to carefully selected materials and corrosion resistant pistons and ejectors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

Slim shaft

Easy access to narrow vessels

USER TIP on page 11

Easy Calibration technology

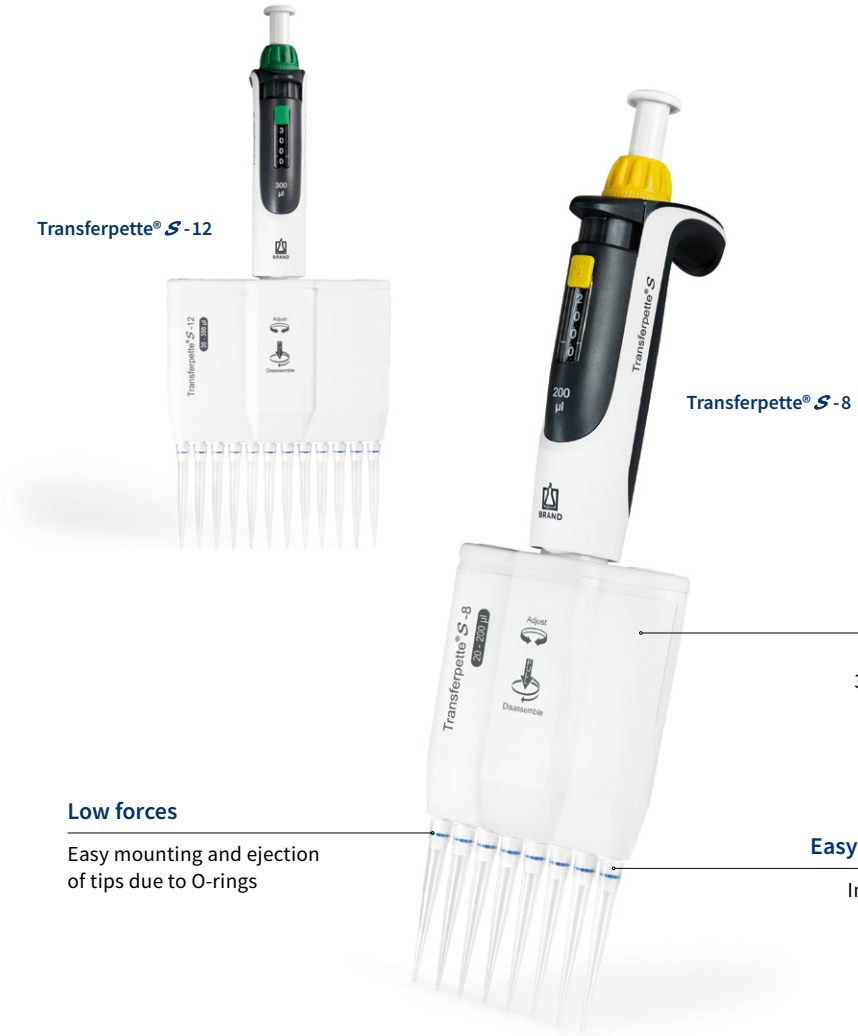
Volume-change protection

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	16467795
	0.1 – 2.5	D-2.5 ②	1.4	0.035	0.7	0.018	0.002	16477795
	0.5 – 10	D-10	1	0.1	0.5	0.05	0.01	16487795
	2 – 20	D-20	0.8	0.16	0.4	0.08	0.02	16497795
	5 – 50	D-50	0.8	0.4	0.3	0.15	0.05	16407805
	10 – 100	D-100	0.6	0.6	0.2	0.2	0.1	16417805
	20 – 200	D-200	0.6	1.2	0.2	0.4	0.2	16427805
	100 – 1000	D-1000	0.6	6	0.2	2	1	16437805
	500 – 5000	D-5000 ③	0.6	30	0.2	10	5	16447805
	1000 – 10000	D-10000 ④	0.6	60	0.2	20	10	16457805

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	16477785
	20	F-20 ⑤	0.8	0.16	0.4	0.08	16487785
	25	F-25	0.8	0.2	0.4	0.1	16497785
	50	F-50	0.8	0.4	0.4	0.2	16407795
	100	F-100	0.6	0.6	0.2	0.4	16417795
	200	F-200 ⑤	0.6	1.2	0.2	0.2	16427795
	500	F-500	0.6	3	0.2	0.2	16437795
	1000	F-1000	0.6	6	0.2	0.2	16447795
	2000	F-2000	0.8	16	0.3	0.3	16457795

All product information
can be found at **shop.brand.de**

Pipette Package 2

Pipette-Sets, Transferpette® S, adjustable volume

Type	Description	Cat. No.
MICRO	3 Pipettes (D-2.5, D-10, D-100), 3 shelf/rack mounts	16467805
MID	3 Pipettes (D-20, D-200, D-1000), 3 shelf/rack mounts	16477805
MACRO	3 Pipettes (D-1000, D-5000, D-10000), 3 shelf/rack mounts	16487805
STANDARD	3 Pipettes (D-10, D-100, D-1000), 3 shelf/rack mounts	16497805
PIPETTE PACKAGE 1	5 Pipettes (D-2.5, D-10, D-20, D-200, D-1000), bench top rack	16407815
PIPETTE PACKAGE 2	5 Pipettes (D-10, D-100, D-200, D-1000, D-5000), bench top rack	16417815

Transferpette® S -8

Items supplied: Transferpette® *S* -8, DE-M marking, performance certificate, 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	16427815
●	5 – 50	M8-50	0.8	0.4	0.05	16437815
●	10 – 100	M8-100	0.8	0.3	0.1	16447815
●	20 – 200	M8-200	0.8	0.3	0.2	16457815
●	30 – 300	M8-300	0.6	0.3	0.5	16467815

Transferpette® S -12

Items supplied: Transferpette® *S* -12, DE-M marking, performance certificate, 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	16477815
●	5 – 50	M12-50	0.8	0.4	0.05	16487815
●	10 – 100	M12-100	0.8	0.3	0.1	16497815
●	20 – 200	M12-200	0.8	0.3	0.2	16407825
●	30 – 300	M12-300	0.6	0.3	0.5	16417825

Notice: When ordering instruments with DAkkS calibration certificates, the prefix 'DAkkS' must be added to the order number, e.g., DAkkS 16477815.

* 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**

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.

	Transferpette® *S* single-channel Nominal volume													Transferpette® *S* multi-channel Nominal volume				
Pipette tips Filter tips Volume range	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	✓	✓ 2)	✓ 2)											✓				
0.5 – 20 µl		✓	✓											✓				
1 – 50 µl		✓ 2)	✓											✓				
2 – 200 µl 1)				✓	✓	✓	✓	✓							✓	✓	✓	✓
5 – 300 µl				✓	✓	✓	✓	✓							✓	✓	✓	✓
50 – 1000 µl 1)									✓	✓								
0.5 – 5 ml											✓	✓						
1 – 10 ml													✓					
0.1 – 1 µl	✓	✓ 2)	✓ 2)											✓				
0.5 – 10 µl		✓	✓											✓				
1 – 20 µl			✓											✓				
2 – 20 µl				✓	✓	✓	✓	✓							✓	✓	✓	
5 – 100 µl				✓	✓	✓	✓	✓							✓	✓	✓	✓
5 – 200 µl								✓							✓	✓	✓	✓
50 – 1000 µl									✓	✓								

✓ = 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

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.

Hinged or push-on lid

Simply rotate lid 180°

Transparent window

For better visual inspection

Labeling

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

Lock

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

Tip tray border

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

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.

USER TIP

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_2O 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

BRAND®, BRAND. For lab. For life.®, nano-cap™, Transferpette® as well as the BRAND figurative mark are registered trademarks or trademarks of BRAND GMBH + CO KG, Germany. All other trademarks mentioned or depicted here are the property of the respective owners.

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 product for any particular application. California Residents: For more information concerning California Proposition 65, please refer to www.brand.de/calprop65.

Subject to technical modification without notice. Errors excepted.

Find accessories and replacement parts, user manuals, test instructions (SOP) and product videos at **shop.brand.de**

Further information on products and applications can be found on our YouTube channel: **mylabBRAND**

Renewable enery
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.

Distributed by Fisher Scientific. Contact us today:

Austria: fishersci.at **Belgium:** fishersci.be **Denmark:** fishersci.dk
Germany: fishersci.de **Ireland:** fishersci.ie **Italy:** fishersci.it
Finland: fishersci.fi **France:** fishersci.fr **Netherlands:** fishersci.nl
Norway: fishersci.no **Portugal:** fishersci.pt **Spain:** fishersci.es
Sweden: fishersci.se **Switzerland:** fishersci.ch **UK:** fishersci.co.uk

fisher scientific
part of **Thermo Fisher Scientific**

© 2022 Thermo Fisher Scientific Inc. All rights reserved.
Trademarks used are owned as indicated at fishersci.com/trademarks.