

# Transferpettor™

## Positive Displacement Pipette



The Transferpettor™ positive displacement pipette is ideal for use with liquids that render traditional air-displacement pipettes ineffective. Unlike air displacement pipettes, the piston of the Transferpettor™ directly expels the media from the tip, wiping the tip walls completely clean. This results in negligible residual wetting and highly accurate, reproducible results, especially with viscous, foaming, high-vapor-pressure, and other “problematic” liquids.

The Transferpettor™ is suitable for use with viscous solutions and high density media such as concentrated protein solutions, oils, fats, resins, and glycerin. It is also suitable for use with high-vapor-pressure media (up to 500 mbar), including alcohols, acetone, and hydrocarbons that would otherwise vaporize in an air displacement tip.

## Technical Data

### Operating limits and exclusions

Liquids unsuitable for use with the Transferpettor™ include, but are not limited to, those with:

- Density exceeding 13.6 g/cm<sup>3</sup>
- Viscosity exceeding 40,000 cSt (mm<sup>2</sup>/s), depending on instrument capacity
- Vapor pressure exceeding 500 mbar
- Chemicals that attack either PP or PE (see page 128)
- Temperature of instrument and reagents must be between 15° and 40 °C
- Instrument, tips, and seals are not autoclavable

### Items supplied

The Transferpettor™ pipette includes:

- One tip and seal
- Seal mounting/removal tool
- Performance certificate
- Operating manual
- One-year warranty

Capacity, µL	A* < ±		CV* ≤		Max Viscosity mm <sup>2</sup> /sec	Subdivision, µL	Color	Cat. No.	2021 List Price
	%	µL	%	µL					
<b>Transferpettor™</b>									
100-500 µL	0.5	2.5	0.2	1.0	40,000	1.0	Green	<a href="#">702804</a>	\$366.80
200-1000 µL	0.5	5.0	0.2	2.0	20,000	1.0	Yellow	<a href="#">702806</a>	366.80
1-5 mL	0.5	25.0	0.2	10.0	6,000	10	Red	<a href="#">702810</a>	366.80
2-10 mL	0.5	50.0	0.2	20.0	2,000	10	Orange	<a href="#">702812</a>	366.80
<b>Reusable Transferpettor™ Tips - Polypropylene, pack of 10</b>									
For Transferpettor™, 100-500 µL							Green	<a href="#">702852</a>	29.40
For Transferpettor™, 200-1000 µL							Yellow	<a href="#">702854</a>	29.40
For Transferpettor™, 1-5 mL							Red	<a href="#">702858</a>	29.40
For Transferpettor™, 2-10 mL							Orange	<a href="#">702860</a>	29.40
<b>Reusable Transferpettor™ Piston Seals - Polyethylene, pack of 10</b>									
For Transferpettor™, 100-500 µL							Green	<a href="#">702864</a>	48.00
For Transferpettor™, 200-1000 µL							Yellow	<a href="#">702866</a>	48.00
For Transferpettor™, 1-5 mL							Red	<a href="#">702870</a>	48.00
For Transferpettor™, 2-10 mL							Orange	<a href="#">702872</a>	48.00
Transferpettor™ Station Keeps 2 instruments, tips, and seals conveniently at hand in the workplace								<a href="#">702890</a>	168.40

A\*=Accuracy, CV\*=Coefficient of Variation

\* The value of accuracy and coefficient of variation are final test values referring to the delivered nominal volume, instrument and distilled water at equilibrium with ambient temperature (20 °C/68 °F) and with smooth operation.

