

Transferpettor™

The Transferpettor™ positive displacement pipette is the ideal tool 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.

- **Works in a broad range of applications:** The Transferpettor™ is an excellent tool for applications in wastewater treatment plants, biochemical, genetics and molecular biology laboratories, wineries, breweries, refineries, and more.
- **Dispenses glycerin:** For use with viscous solutions up to 40,000cSt (mm²/s) and high density media (up to 13.6g/cm³) such as concentrated protein solutions, oils, fats, resins, and glycerin.
- **Dispenses surfactants:** Use the Transferpettor™ to accurately pipette surfactants such as Tween® 20, Mucosol®, and more.
- **Dispenses acetone:** The Transferpettor™ is designed for use with high-vapor-pressure media (up to 500mbar), including alcohols, acetone, and hydrocarbons that would otherwise vaporize into an air displacement tip.
- **Reduces sample prep costs:** Because residual wetting is negligible, the Transferpettor™ reduces lab costs by eliminating the need to discard tips after each use.



Transferpettor™ Station

The ideal tool for pipetting problematic media



Technical Data

Operating limits and exclusions

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

- A density exceeding 13.6g/cm³.
- A viscosity exceeding 40,000cSt (mm²/s), depending on instrument capacity.
- A vapor pressure exceeding 500mbar.
- Chemicals that attack either PP or PE. See page 128.
- Temperature of instrument and reagents must be between 15° and 40°C (59° and 104°F).
- 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	$A^* < \pm$		$CV^* \leq$		Max Viscosity mm^2/sec	Subdivision, μL	Color	Cat. No.	2016 List Price
	%	μL	%	μL					
Transferpettor™									
100-500 μL	0.5	2.5	0.2	1.0	40,000	1.0	Green	702804	\$346.00
200-1000 μL	0.5	5.0	0.2	2.0	20,000	1.0	Yellow	702806	346.00
1-5mL	0.5	25.0	0.2	10.0	6,000	10	Red	702810	346.00
2-10mL	0.5	50.0	0.2	20.0	2,000	10	Orange	702812	346.00

Reusable Transferpettor™ Tips - Polypropylene, pack of 10

For Transferpettor™, 100-500 μL	Green	702852	21.40
For Transferpettor™, 200-1000 μL	Yellow	702854	21.40
For Transferpettor™, 1-5mL	Red	702858	21.40
For Transferpettor™, 2-10mL	Orange	702860	21.40

Reusable Transferpettor™ Piston Seals - Polyethylene, pack of 10

For Transferpettor™, 100-500 μL	Green	702864	34.65
For Transferpettor™, 200-1000 μL	Yellow	702866	34.65
For Transferpettor™, 1-5mL	Red	702870	34.65
For Transferpettor™, 2-10mL	Orange	702872	34.65

Transferpettor™ Station

Keeps 2 instruments, tips, and seals conveniently at hand in the workplace		702890	122.28
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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.

