

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, Mucosal®, 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.



Transferpettor™ positive displacement pipette

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 126.
- 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

ORDERING INFORMATION

Capacity, µL	A* < ±		CV* ≤		Max Viscosity mm ² /sec.	Subdivision, µL	Color, µL	Cat. No.	2014 List Price
	%	µL	%	µL					
Transferpettor™									
100-500µL	0.5	2.5	0.2	1.0	40,000	1.0	Green	702804	\$346.00
200-1000µL	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™, 100-500µL							Green	702852	20.00
For Transferpettor™, 200-1000µL							Yellow	702854	20.00
For Transferpettor™, 1-5mL							Red	702858	20.00
For Transferpettor™, 2-10mL							Orange	702860	20.00
Reusable Transferpettor™ Piston Seals - Polyethylene, pack of 10									
For Transferpettor™, 100-500µL							Green	702864	33.00
For Transferpettor™, 200-1000µL							Yellow	702866	33.00
For Transferpettor™, 1-5mL							Red	702870	33.00
For Transferpettor™, 2-10mL							Orange	702872	33.00
Transferpettor™ Station Keeps 2 instruments, tips, and seals conveniently at hand in the workplace								702890	112.00

* 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.

A*=Accuracy, CV*=Coefficient of Variation

