

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/cm³
- Viscosity exceeding 40,000 cSt (mm²/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* \pm		CV* \leq		Max Viscosity mm ² /sec	Subdivision, μL	Color	Cat. No.	2020 List Price
	%	μL	%	μL					
Transferpettor™									
100-500 μL	0.5	2.5	0.2	1.0	40,000	1.0	Green	702804	\$363.20
200-1000 μL	0.5	5.0	0.2	2.0	20,000	1.0	Yellow	702806	363.20
1-5 mL	0.5	25.0	0.2	10.0	6,000	10	Red	702810	363.20
2-10 mL	0.5	50.0	0.2	20.0	2,000	10	Orange	702812	363.20
Reusable Transferpettor™ Tips - Polypropylene, pack of 10									
For Transferpettor™, 100-500 μL							Green	702852	29.20
For Transferpettor™, 200-1000 μL							Yellow	702854	29.20
For Transferpettor™, 1-5 mL							Red	702858	29.20
For Transferpettor™, 2-10 mL							Orange	702860	29.20
Reusable Transferpettor™ Piston Seals - Polyethylene, pack of 10									
For Transferpettor™, 100-500 μL							Green	702864	47.60
For Transferpettor™, 200-1000 μL							Yellow	702866	47.60
For Transferpettor™, 1-5 mL							Red	702870	47.60
For Transferpettor™, 2-10 mL							Orange	702872	47.60

Transferpettor™ Station
Keeps 2 instruments, tips, and seals conveniently at hand in the workplace [702890](#) 166.80

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.