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, Mucasol®, 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.
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.
- Temperature of instrument and reagents must be between 15º and 40ºC (59º and 104ºF).
- 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

<table>
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<tr>
<th>Capacity, µL</th>
<th>Subdivision, µL</th>
<th>Color</th>
<th>Cat. No.</th>
<th>2016 List Price</th>
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Reusable Transferpettor™ Tips - Polypropylene, pack of 10

For Transferpettor™, 100-500µL  | Green  | 702852 | 21.40  
For Transferpettor™, 200-1000µL | 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™, 100-500µL  | Green  | 702864 | 34.65  
For Transferpettor™, 200-1000µL | 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  

* 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 (20ºC/68ºF) and with smooth operation.