



### Features and Benefits

- + Fills both single- and dual-component cartridges and syringes
- + Utilizes disposable fluid path valve technology which eliminates cross-contamination and minimizes clean-up and downtime during product changeover
- + All pneumatic operation with automatic fill and shut-off
- + Fills one side of the cartridge at a time to prevent cross contamination
- + Bottom-up, void-free filling
- + Adjustable fill speed and fill level with consistent accuracy
- + Swing valve assures clean material shut-off and easy access for cleaning
- + Compatible with 5, 10, or 15 gallon reservoirs and can be adapted for feeding from a drum
- + Low cost 5, 10, or 15 gallon quick change polypropylene reservoir insert system that can be treated as permanent containers or, alternatively, can be easily removed to store materials in a safe economic manner

## Model 2200 Cartridge Filling System

Tridak® Model 2200 cartridge filling systems offer accurate, and consistent filling of most single- and dual-component cartridges and syringes. These cartridges and syringes are typically used for packaging epoxies, dental materials, silicones, and pastes. These systems are pneumatically operated and feature an automatic, operator-initiated fill cycle with adjustable fill speed and level. They utilize a bottom-up filling process with a special low-clearance nozzle to purge air during the filling process. This provides an accurate fill each time. The systems also incorporate disposable fluid path technology. Materials travel from the reservoir to the fill nozzle through a disposable fluid path, sealing out any contaminants. The fluid path is easy to replace, allowing for the quick change-over of materials.

Systems are most commonly fed from a stainless steel 5-, 10-, or 15-gallon reservoir containing a rigid or flexible polypropylene liner insert. The rigid reservoir liner insert can be treated as a permanent container or can be easily removed and covered to store the materials safely. The flexible liner is disposable, eliminating long-standing problems of clean-up. The system can also be fed from external tanks or drums using optional pumps.



| SPECIFICATIONS                    |                                                                                                                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating Air Pressure</b>     | 60-80 psi (0.41-0.55 MPa), 50 micron filtered, non-lubricated, dry air                                                                                                          |
| <b>Compatible Viscosity Range</b> | 1,000 - 100,000 cP                                                                                                                                                              |
| <b>Compatible Sizes</b>           | Cartridges and syringe barrels up to 500 mL<br>Maximum cartridge height: Standard: 7 in (18 cm)   Extended: 11 in (28 cm)<br>Maximum cartridge/piston diameter: 2.5 in (6.5 cm) |
| <b>Dimensions* (L x W x H)</b>    | Standard: 16.25" x 16.25" x 27" (41.28 cm x 41.28 cm x 68.58 cm)<br>Extended: 16.25" x 16.25" x 33" (41.28 cm x 41.28 cm x 83.82 cm)                                            |
| <b>Recommended Spare Parts</b>    | T10015 Reservoir Liner Assembly, 5 Gallon<br>T15337 Reservoir Liner Assembly, 10 Gallon<br>T10105 Tridak® Standard Piston Inserter with 1 Set of Tooling                        |

\* Dimensions are for the system base without a reservoir attached

## Available System Packages

All systems include the Model 2200 filling system outfitted with a Model 920 swing valve (T15196) and a selected reservoir.

| SELECT SYSTEM BASED ON FLUID PACKAGE USED |              |                                                                                     |                                                                                       |
|-------------------------------------------|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                           | No Reservoir | Modified Reservoir Options                                                          |                                                                                       |
|                                           |              | 5 Gallon Reservoir                                                                  | Up to 10 Gallon Reservoir                                                             |
|                                           |              |  |  |
| <b>Model 2200 Standard</b>                | T10071       | T17870                                                                              | T17871                                                                                |
| <b>Model 2200 Extended</b>                | T18725       | -                                                                                   | -                                                                                     |

Tridak LLC | 860.626.6700 | info@tridak.com

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