

HPLC Manifolds for Quick-Disconnect Safety Disposal Cans

The poly manifold is the most cost-effective way to safely collect waste.



28177
Manifold/Stainless disconnect



28178
Manifold/Poly disconnect



28179
Manifold/Stainless stacker



Can #TF12755, manifold #28177, manifold stacker #28179, tubing connector package #'s 28188 and 28189.

HPLC Stainless Steel Manifold

Approximately 3 1/2" (89mm) long and made of 316 stainless steel, it comes with a pre-installed stainless steel disconnect plug which fits only a stainless steel intake fitting. Four ports are tapped to accommodate 1/4-28 threads of



28168
Up to four lines can be fed into a single fitting

the supplied fittings. PEEK (polyetheretherketone) fittings include four each: 1/16" (2mm) and 1/8" (3mm) OD tube fittings with corresponding PCTFE (polychlorotrifluoroethylene) ferrules for compression fit of waste line. Four plug caps are provided to close unused ports and reduce vapor release.



The HPLC Poly Manifold enables up to six waste lines (per manifold) from HPLC processes to be fed into a single intake fitting. Manifolds have six 1/4-28 ports and one 3/8" NPT port (all come with caps for unused ports) and either one quick disconnect in No. 316 stainless steel or polypropylene, or a No. 316 stainless steel stacker connector. The six ports are tapped to accommodate the 1/4-28 threads of the separately available compression fittings.

The compression fittings, sold in sets of six, accommodate hard wall tubing sizes of either 1/16" and 1/8" OD. The fittings are approximately 1" (25mm) long and made of Tefzel®. They include ferrules for a compression fit to the waste line.

Manifold #28179 has a "stacker" connection enabling it to attach on top of a #28177 or 28178 and allowing up to a total of 12 waste lines to be fed into the disposal can. Multiple manifolds may be used on a custom-designed Quick Disconnect container as long as one disconnect remains unused to permit venting and prevent back pressure.

Safety Can with Manifold installed is OSHA compliant and meets NFPA Code 30.

HPLC Poly Manifolds New Items

Description	Carton L x W x H (mm)	Model No.
HPLC Poly Manifold* with Stainless quick disconnect	7" x 5" x 4 1/2"(178 x 127 x 114)	28177
HPLC Poly Manifold* with Polypropylene quick disconnect	7" x 5" x 4 1/2"(178 x 127 x 114)	28178
HPLC Poly Manifold* with Stainless "stacker" connector	7" x 5" x 4 1/2"(178x127x114)	28179
1/16" OD (1/32"ID) hard wall tubing compression fittings with ferrules (Package of six)		28188
1/8" OD (1/16"ID) hard wall tubing compression fittings with ferrules (Package of six)		28189

*Each manifold includes caps for sealing off the unused ports and reducing vapor release. Tubing not included.

Replacement Parts:	Model No.
Replacement poly cap kit (six 1/4-28 caps and one 3/8" NPT cap)	28180
Replacement poly manifold	28187

HPLC Stainless Steel Manifold

Description	Carton (L x W x H) (mm)	Model No.
HPLC Manifold with stainless steel fittings**	8 3/4" x 2 3/4" x 2 1/8"(222 x 70 x 54)	28168

(**) For fitting into current round style TF Series, PP Series, or custom "Quick-Disconnect" safety disposal cans.

NOTE 1: Filters cannot be used with 1 gallon oval style cans.

NOTE 2: When using HPLC carbon filter with FM Approved Justrite safety disposal can: The Justrite safety disposal can has not been FM Approved or tested in assembly with the HPLC filter attached. However, the can does comply with Osha 1910 and NFPA Code 30 requirements, both with and without the HPLC filter. Do not transport safety can while carbon filter is attached.

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