

Product Information

Thermal Desorption Tube Accessories for PerkinElmer Equipment

Supelco now offers the complete line of PerkinElmer accessories for the ATD-50 and ATD-400 and TurboMatrix thermal desorption instruments. These original PerkinElmer accessories are available through Supelco. We have all the products you will need for the new TurboMatrix (TMX) instrument including the new brass storage end caps, replacement ferrules, pen clip holders, and diffusion caps with and without membranes, empty glass, and stainless steel tubes with brass caps. Also available are the PTFE end caps and empty glass and stainless steel tubes for the ATD-400 instrument.

TurboMatrix Brass Storage Caps

Suitable for one-week storage. Required for sealing tubes while they are on the automated thermal desorber carousel. Includes caps and ferrules. Pkg. 20, part number 28011-U will seal ten tubes. Maximum temperature is 250°C

Note: The new Brass Storage End Caps are an alternative to the traditional Swagelok® brass caps that allow users of the new TurboMatrix to load the tubes into the carousel of the instrument without having to change the end caps.



Diffusion Caps With and Without Membranes for all PerkinElmer Tubes

PerkinElmer diffusion caps come with and without membranes. Diffusion caps are used for passive sampling. These caps ensure the correct diffusion path length. The aluminum cap slides onto the stainless steel tube and seals by an o-ring. One end of the cap has a stainless steel mesh screen. The gold colored caps include a silicone membrane to filter out particulates.



TurboMatrix PFA Teflon Ferrules

The TurboMatrix PFA Teflon ferrules for the new brass storage end caps also work with ATD tubes. After multiple uses, the ferrules will wear out. Simply remove the old seal and replace it with the new PFA Teflon ferrule.



TurboMatrix Empty Glass Tube with Brass Caps

These tubes are available for those who desire to pack their own tubes. The empty glass tubes are ¼ inch OD by 4mm ID by 8.9cm in length. Each tube comes with two attached TurboMatrix brass storage end caps. The tubes are available in packs of 10.



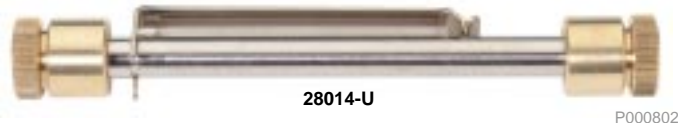
Pen Clips for all Stainless Steel Tubes

The pen clip will attach to the slotted end of a stainless steel thermal desorption tube. The clip allows the attachment of a sampling tube to clothing or other items for sampling purposes. The pen clips are available in packs of 10 under part number 28016-U.



TurboMatrix Empty Stainless Steel Tubes

The empty stainless steel tubes are available for those who wish to pack their own tubes. The stainless steel tubes are ¼ inch OD by 5mm ID by 8.9cm in length. Each tube comes with two attached TurboMatrix brass storage end caps, two packing retaining gauzes, and one retaining spring. The tubes are available in packs of 10 or 50.



ATD Model 50 and 400 Accessories

Empty Stainless Steel and Glass Tubes

The empty stainless steel or glass tubes are available for those who wish to pack their own tubes. The stainless steel tubes are ¼ inch OD by 5mm ID by 8.9cm in length. The tubes are available in a pack of 1. The stainless steel tube includes packing retaining gauzes and a retaining spring.



PTFE Storage Caps

PTFE storage replacement caps are available. The Teflon® caps come with an internal black o-ring that seals on the tube. The caps are available in packs of 20 and will seal ten tubes.



Ordering Information:

	Supelco Cat No.	Qty.
TurboMatrix Tube Accessories		
Brass Storage End Caps	28011-U	20
Replacement Teflon PFA Ferrules for Caps	28012-U	20
Pen Clips for SS Tubes	28016-U	10
Standard Diffusion Caps for SS Tubes	28017-U	10
Diffusion Caps with Membrane for SS Tubes	28018-U	10
Empty Glass Tube with Brass Storage Caps	28013-U	10
Empty SS Tube with Brass Storage Caps	28014-U	10
Empty SS Tube with Brass Storage Caps	28015-U	50

ATD Model 50 and 400 Accessories

Empty SS Tube	25049	1
Empty Glass Tube	25084	1
PTFE Storage Caps	28019-U	20

Trademarks

Teflon – E.I. du Pont de Nemours & Co., Inc.
Swagelok – Crawford Fitting Co.

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