



GLASS EXPANSION

Quality By Design

Instructions for the Trident Internal Standard Kit

Part Number 60-808-1185

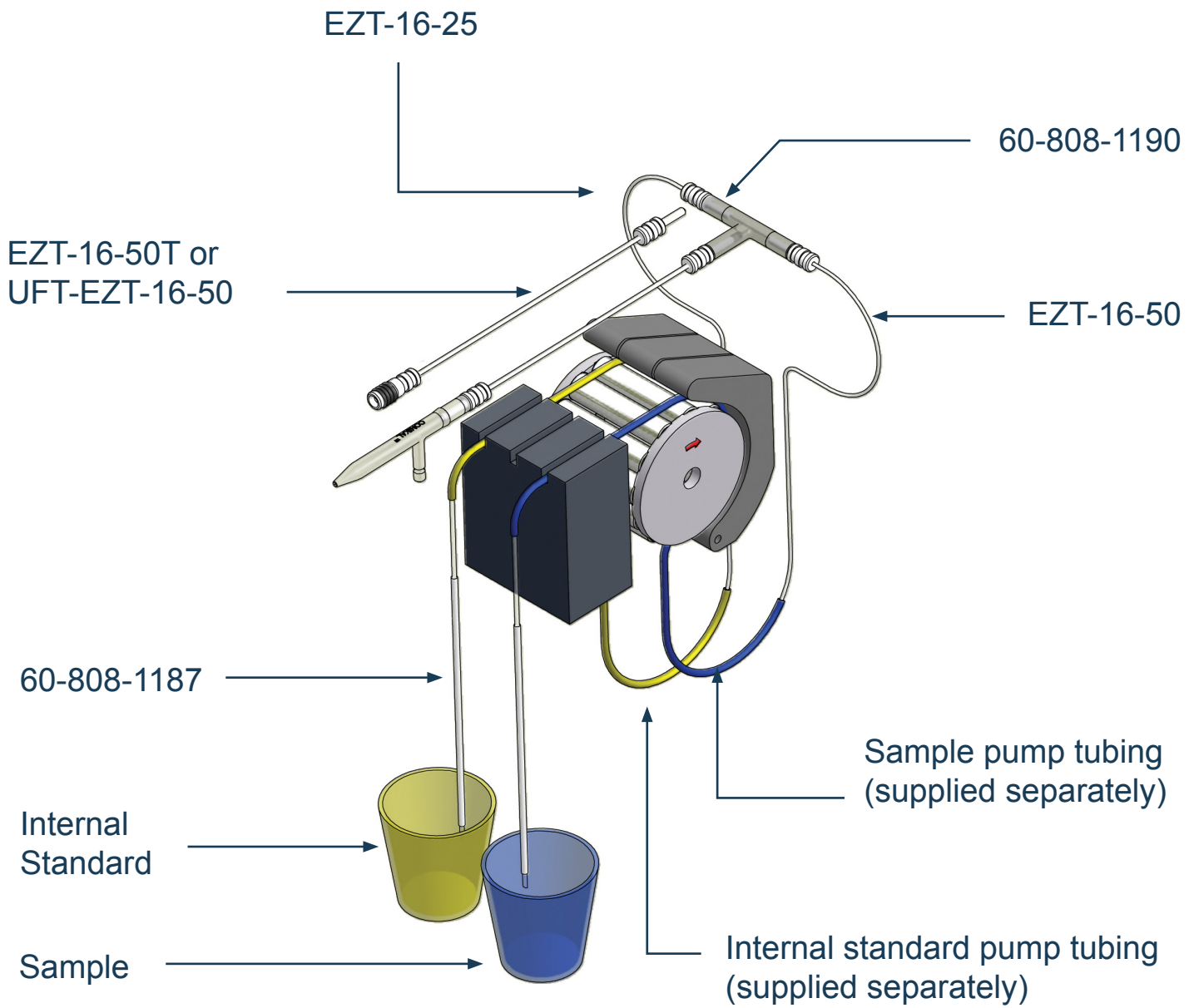
Trident Internal Standard Packing Kit

Item no.	Part Number	Description	Qty
1	60-808-1187	Internal standard probe	1
2	60-808-1190	EzyFit glass mixing chamber/tee	1
3	EZT-16-50T	EzyFit Sample tube, twin	Refer note 1
4	UFT-EZT-16-50	UniFit- EzyFit sample tube	Refer note 2
5	EZT-16-50	EzyFit sample tube 0.5mm ID	Refer note 3
6	EZT-16-25	EzyFit internal standard tube, 0.25mm ID	Refer note 4
7	KK711E	Vitex Gripping Paper (pkt 6)	Refer note 5
8	70-803-0924	Flared connector	1

- **Note 1.** Replacement EzyFit Sample tube, twin supplied in packs of 6
- **Note 2.** Replacement UniFit-EzyFit sample tube supplied in packs of 6
- **Note 3.** Replacement EzyFit nebulizer sample tube, supplied in packs of 10
- **Note 4.** Replacement EzyFit internal standard tube, supplied in packs of 10
- **Note 5.** Use the Vitex gripping paper (P/N KK711E) to grip the end of the PFA tubing when connecting to the peristaltic pump tubing



Trident Internal Standard Kit Diagram



Assembly of the Trident Internal Standard Kit

For nebulizers with EzyFit connector:

1. Attach one end of EZT-16-50T to the mixing chamber/tee (60-808-1190) by inserting the Teflon plug all the way into the mixing chamber end of the tee.
2. Attach the other end of EZT-16-50T into the end of the nebulizer.

Or, for a U-Series Nebulizer:

1. Attach the EzyFit end of UFT-EZT-16-50 to the mixing chamber/tee (60-808-1190) by inserting the Teflon plug all the way into the mixing chamber end of the tee.
2. Attach the UniFit end of UFT-EZT-16-50 to the nebulizer.

If you do not have a Glass Expansion nebulizer with the EzyFit connection or a U-Series nebulizer, simply cut off the EzyFit from EZT-16-50T and connect the end to the nebulizer tubing using the flared connector 70-803-0924.

3. Attach the sample capillary (EZT-16-50) to one arm of the tee by inserting the Teflon plug as far as it will go. The plug should be butted against the capillary channel of the tee to minimize washout times.
4. Attach the Internal Standard (IS) capillary (EZT-16-25) to the remaining arm of the tee in the same fashion.
5. Attach the other ends of the sample and IS capillaries into the appropriate pump tubes.

Glass Expansion Contour flared-end pump tubing is specially made to facilitate attachment to the capillary tube. This is especially important for the small ID IS pump tubing. The Contour tubing can be purchased in 6-packs by adding a “-F” to the end of the normal tubing P/N.

6. Attach the capillary of the IS probe (P/N 60-808-1187) into the other end of the IS pump tubing and insert the probe into your IS solution.
7. Connect your autosampler (or sample) capillary into the other end of the sample pump tubing.

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