



GLASS EXPANSION

Quality By Design

Instruction Manual for Disassembling Semi Demountable Torches

Dissassembling Semi Demountable Torches

Step 1

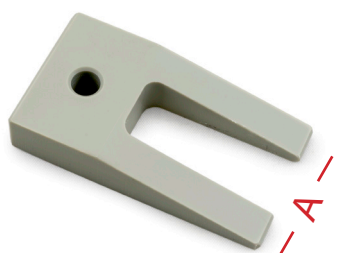
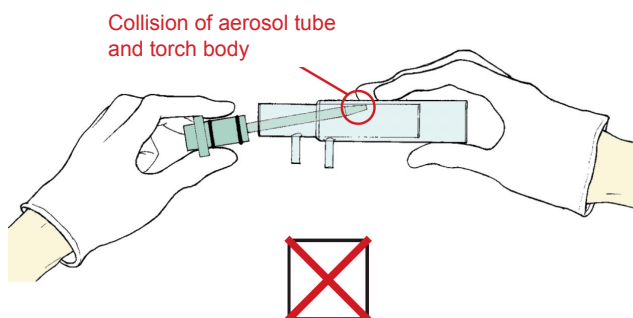
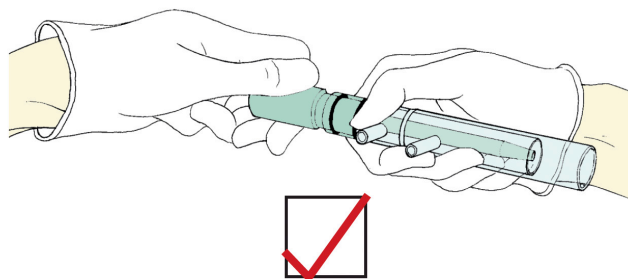
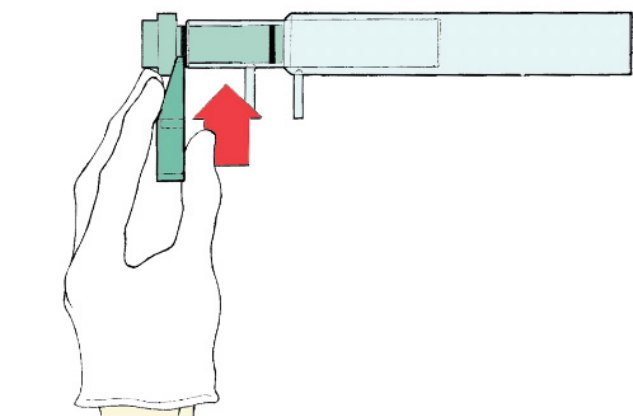
Place the Semi Demountable Torches (SDT) extractor tool between the quartz and the adaptor. Gently lever back and forth pushing carefully towards the thickest part of the tool. This will loosen the adaptor enough to be extracted by hand.

Caution: Always ensure quartz has cooled sufficiently before handling as it remains extremely hot for minutes after being removed from plasma. During handling of this brittle material, it is advised cotton gloves be worn to protect both your hands and the quartz alike.

Step 2

When extracting the adaptor by hand, try to keep the aerosol tube parallel to the inside wall of the torch. This will avoid damaging the torch and aerosol tube by preventing collision with the torch body.

It is best to extract the aerosol tube in a controlled manner. A recommended method is to support your elbows on a bench area and rotate the adaptor as it is removed. This will prevent a sudden release of the tube, which is where you are most likely to damage the torch or aerosol tube.



SDT Extractor Tool

Part Number	A
31-100-0109	12.2mm
31-100-0106	14.2mm
31-100-0105	15.2mm

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