



Instructions

Each solids injector is supplied with:

- Spiral plunger (5), already fitted.
- Flat tipped plunger (6).
- Packet containing five darts (8).

The plungers are interchanged by unscrewing the button (1). The plunger passes through a PTFE seal (2) into the bore of the needle (4). Before interchanging the plungers, the hexagon nut (3) must be slackened. **On reassembly, do not overtighten the hexagon nut.**

Application for use of the spiral plunger (5)

Samples in the form of a solution are applied to the spiral section of the plunger. The solvent is evaporated depositing the solid on the spiral section of the plunger which is then retracted into the needle (see figure). The injection port septum is penetrated, and on depressing the plunger, the sample is carried into the heated injection port.

Application for use of flat tipped plunger (6)

Solids samples (7) in the form of granules, fibers, powder, can be packed direct into the bore of the needle with the plunger retracted. Alternatively, samples can be cut out with the sharp tip of the needle or pressed into pellets using a pelletizer. To eliminate septum, a dart is inserted into the needle (see figure). After penetrating the septum, the plunger is depressed, and both sample and dart are ejected. Loose darts can be reclaimed from the inlet port when convenient.

Information and support

Visit www.trajanscimed.com or contact techsupport@trajanscimed.com

Specifications are subject to change without notice.