

Brachytherapy Hardware

The Perfect User-Oriented System

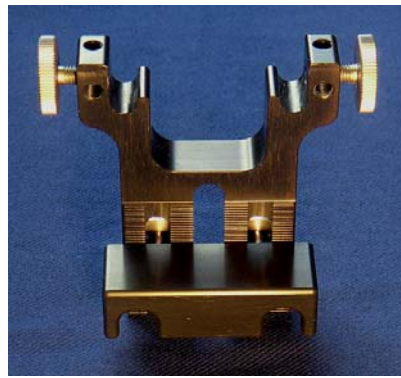
Stabilizer

Stepper

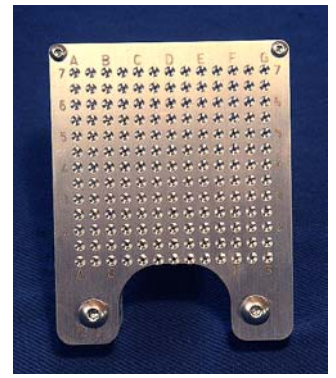
Template



Stabilizer (universal articulate arm, SoLo B) with six 360° rotary joints and OR side rail adapter



Universal template holder



Template

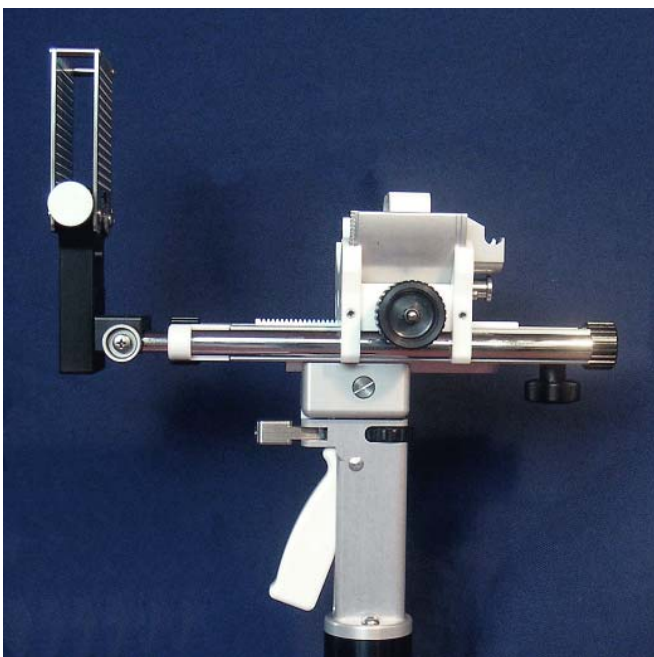
The universal articulate arm SoLo B is used as a stabilizer for therapeutic applications. The arm is a novel fully flexible system that can be positioned freely by just pulling the trigger on the arm handle. An optional elevation and swivel device integrated into the arm handle is available.



Precision stepper

The precision stepper enables the user to advance and retract an endo-rectal ultrasound probe in the rectum to image the prostate.

- The endo-rectal probe is inserted into and fixed to the stepper and positioned by moving the stepper/probe combination.
- The stepper can be fitted to any endo-rectal probe from any producer.
- The probe can be rotated around the probe's long axis ($\pm 70^\circ$, probe dependent). The probe locks into or clicks at the adjustable center position.
- Movable length of the probe with the stepper: 100 mm.
- Scale for position recognition.
- Step width: 2.5 mm or 5 mm selectable as well as free analog movement forward and back.
- Additional free analog movement of the probe to define the exact starting point for stepwise movement: 50 mm.
- Optionally, incremental encoders for the electronic transfer of the rotational and longitudinal positions of the probe to an attached LDR / HDR planning system are available.
- The template is movable (100 mm) in the direction parallel to the ER probe's long axis and can be fixed in any position.



Stepper mounted on the stabilizer with the universal template holder and a template

The simple to use stepper-stabilizer-template combination is extremely compact and robust. It is attached to one OR side rail only and thus never in the way during treatment.

The stabilizer supports the stepper. The stabilizer is connected to the side rail of an OR table by a universal table holder fitting to any OR-table.



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