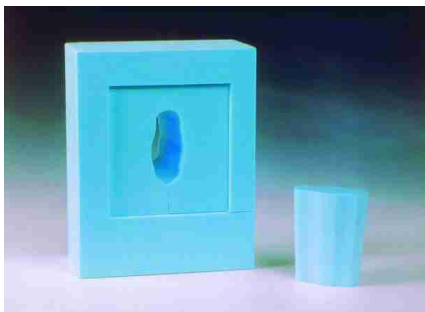
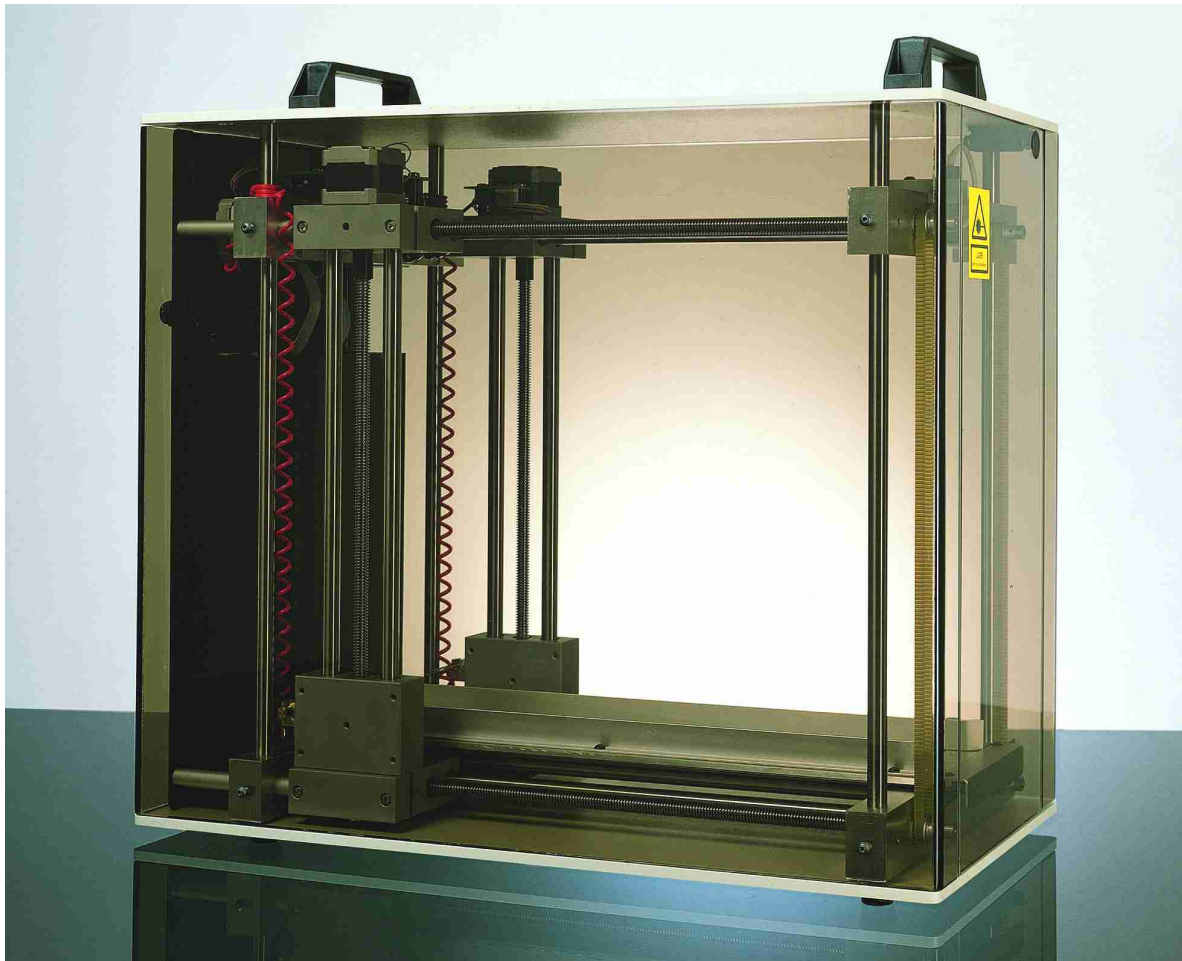


MultiCut

Block Cutter System



Precision and Consistency for Conformal Therapy

The Multicut Block Cutting System offers the precision and consistency you demand for conformal therapy.

The flexible Windows-based software and advanced new hardware design make Multicut ideal for integration into the clinical routine of your radiotherapy department.

MultiCut Block Cutter System



System Overview

The Windows-based system offers software tools to optimize block making and validation while an advanced hardware design delivers precise and repeatable cutting results.

Advanced Hardware Design

- super-fine thermal cutting element for smooth cutting surfaces and exact corners
- compact tabletop unit constructed for ease of access and viewing
- low noise, low pollution design contributes to a better work environment
- laser alignment for block positioning
- robust construction for minimal maintenance

Block Shape Acquisition

- Imported from the simulator or treatment planning system via network (or from floppy disk if no network connection is available)
- Imported automatically from the Multi-data treatment planning system via the DSS "Block Export" function
- Entered with the MultiCut digitizer and software
- Imported as standard ASCII text file (universal, a1) and several proprietary formats

Software Aids for an Optimal Block Cutting Process

- Cutting Job Management – block jobs may be viewed, edited or re-sequenced for cutting
- Block Material Management and Templates – for optimizing cut entry position, Styrofoam material usage, allowances for fixation screws, etc.
- Treatment Machine Profiles – specific parameters are saved in treatment machine profiles (tray distance, Field Size Definition distance, energy, collimator orientation, etc.) to be applied by the cutting software for calculating block divergence, creating reports and templates, etc.
- Custom Report Formats – report formatter provides standard and user-defined reports and templates (on paper and transparencies) for simulation, patient setup, documentation, block validation and quality assurance

Hardware Specifications:

Positional Accuracy	0.1 mm
Reproducibility	0.1 mm
Cutting Area:	280 x 280 mm
Max. Styrofoam Block Dimensions:	300 x 300 mm
Max. Field Size at FSDD:	400 x 400 mm
Cutting Speed:	200 mm/min. nominal
Thermal Wire Heating:	3.5 watts
Computer Interconnection:	Parallel Port, 25-pin D connector
Overall Dimensions (L x W x H)	565 x 265 x 480 mm
Weight:	ca. 29 kg
Power line:	115V or 230V AC Switchable 50-60 Hz, 1 Amp max.

specifications subject to change without notice