

Styro-former® Shielding Block Mold Cutter

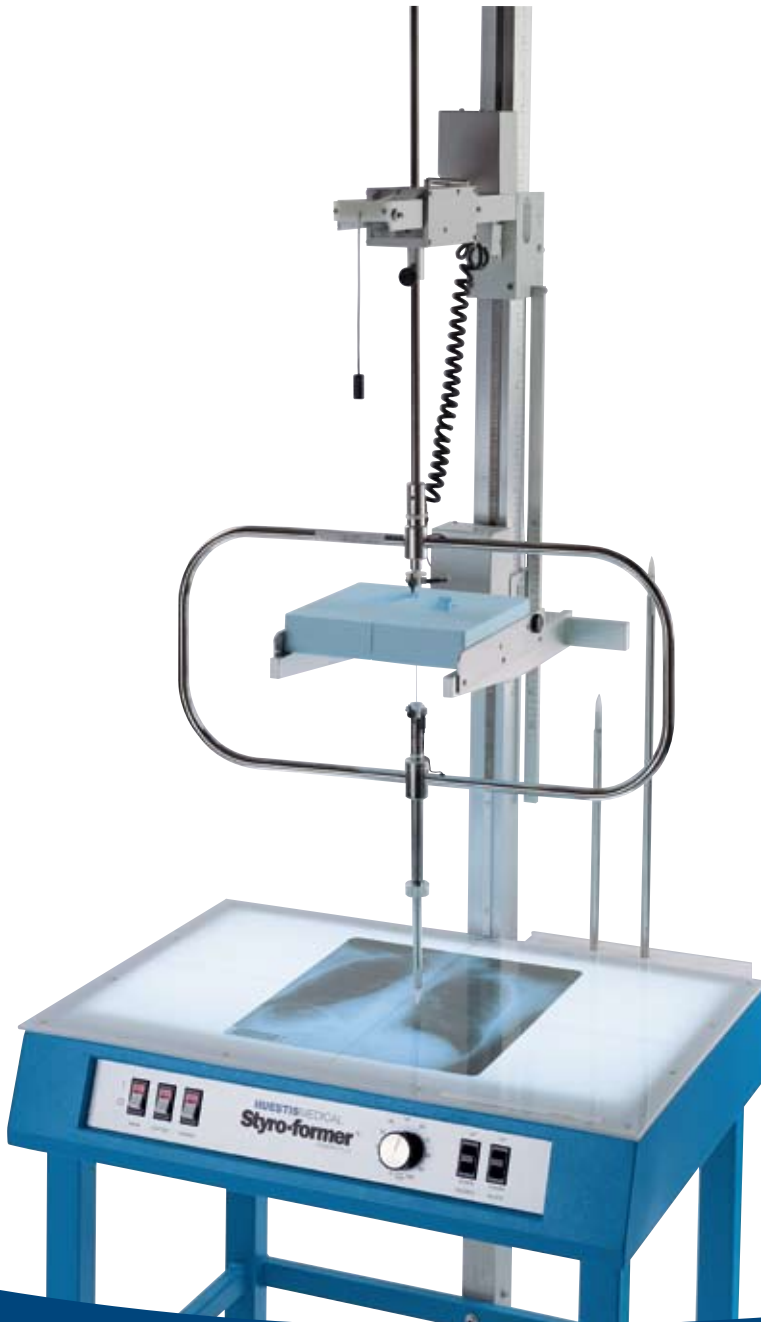
The Styro-former® is accurate. A short wire in a rigid box frame keeps the cutting wire tight. There is no perceptible bowing when cutting and it is never necessary to apply pressure downward to keep the wire tight. Accuracy is assured, there is less waste both in time and material, and training of personnel is much quicker.

The Styro-former® is easy to operate. The spring-loaded Teflon® stylus moves freely in any direction, just like writing with a fine writing pen. It is unhampered by the limitations of an x and y axis, giving the operator complete maneuverability. Adjustment for desired treatment height is made by a rotating friction drive system operating against the back of the column. This feature greatly eases raising and lowering of the block tray and the universal joint swivel.

The Styro-former® allows fast, smooth operation. The source point and block tray are joined together by a calibrated tie rod or by the Styro-former® Power Lift. Once adjustment to your particular treatment machine has been made, the two components can be moved as a unit to any treatment position. This also means that the technologist's working area remains stationary – always at a comfortable desktop working height. The adjustable block holder and verification light are standard. The entire unit is self standing, requiring no drilling and bolting into the wall.

The Styro-former® can be used with any treatment machine, giving it universal application.

Styro-former® is a registered trademark of Huestis Medical.



Options

Auto Boost option makes it easier to cut good blocks every time. The Auto Boost system automatically increases cutting wire temperature when the wire deflects a given amount. A simple switching system reroutes the current through another circuit with its own potentiometer, which operators can set to their own preference.

Experienced operators can set the Auto Boost to minimize distortion and maximize comfort and productivity. Inexperienced operators can have Auto Boost limits set by a supervisor to help them make precise blocks every time. When an operator applies too much pressure, an audio and visual alarm gives warning to slow down.

Power Lift allows cutting accurate blocks by setting precise source-to-film distances with the push of a button. Precision electric motors independently move the source point and block tray to the desired treatment height while the operator remains seated. Heights are clearly indicated by a digital display, so even inexperienced operators will find the Power Lift easy to use. Power Lift is especially valuable when the job calls for extra long source-to-film distances.

Both Auto Boost and Power Lift can be retrofitted to your existing Styro-former® for a low cost and are available with any new Styro-former®.

Tissue Compensator Attachment consists of a router mounted in a box frame supported at the top in the regular Styro-former® swivel. It moves up and down parallel to the axis of the box frame, cutting foam blocks to the same radial depth as the contours of the patient, but it minimizes the width of the cutout proportionate to the width of the divergent beam. The hollowed foam block is then filled with paraffin and mounted in the proper position under the treatment machine so that it absorbs some of the beam energy directed at the thinner sections of the patient's body.



Model SF-319, Styro-former®

This is the basic machine, including verification light, three tracing tips (1 each 20 cm, 40 cm and 60 cm) and self-locating block holding arms.

Model SF-319-1, Styro-former® with Auto Boost

This is the basic machine with the addition of a hot wire temperature booster and alarm system.

Model SF-319-2, Styro-former® with Auto Boost and Power Lift

This is the basic machine with the addition of Auto Boost and Power Lift Systems – AC synchronous motors independently lift the source and block arms. Quadrature (bidirectional) encoders are used to track movement and LED counters display the position.

Model TC-2001, Tissue Compensator

Accessory accessory routes foam blocks to the same depth as the contours of the patient.