

UFF-2 40 kHz SONIC SLITTER for Ultrasonic Fabric & Film Slitting and Sealing

OVERVIEW

Dukane mini-slitters are designed for continuous slitting and edge trimming of thermoplastic fabrics, films, and knitted, woven or nonwoven materials. Ultrasonic slitting cuts and seals the material simultaneously, eliminating fraying or unraveling while producing a clean, tapered, bead-free edge. Typical applications include slitting roll goods to size, splicing rolls and traverse slitting.

Tooling changeover is simple and quick. These versatile unit is easily integrated into material handling devices such as winders/rewinders and looms. The mini-slitter operates with Dukane Probe Systems. A horn and slitting anvil are also required.



FEATURES

- The lightweight and compact design allows for versatility; the mini-slitter can be used as a hand-held or easily mounted to unwinders, looms or traversing systems.
- Quiet operation at 40 kHz.
- Standard Dukane 1" diameter anvils.
- Flat faced CPM10-V booster horn for reduced maintenance.
- Offset mounting of stationary horn and stationary anvil prolongs tooling life; contact areas are renewable through horn/anvil rotation.
- Easy changeover.

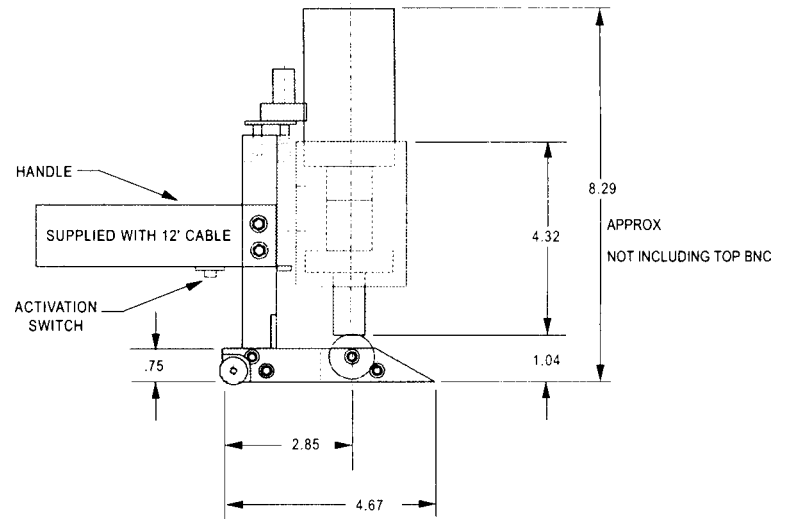


SPECIFICATIONS

Mechanical Specifications

- Height: 8.29" (approximate, does not include the top BNC)
- Width: 2.38"
- Depth: 4.67" without the handle
8.73" including the handle
- Weight: 5 lbs. (approximate, with transducer and horn)

Sonic Slitter Dimensions (inches)



Side View

Requirements

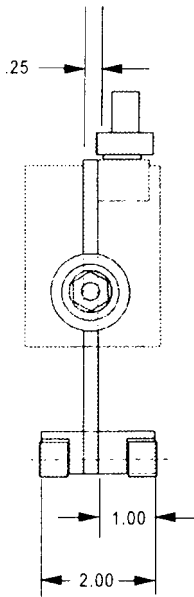
- Dukane probe system (sold Separately)
- H.D. booster (sold Separately)
- Carbide slitting horn (sold Separately)
- Slitting anvil (sold Separately)

Available Probe Systems

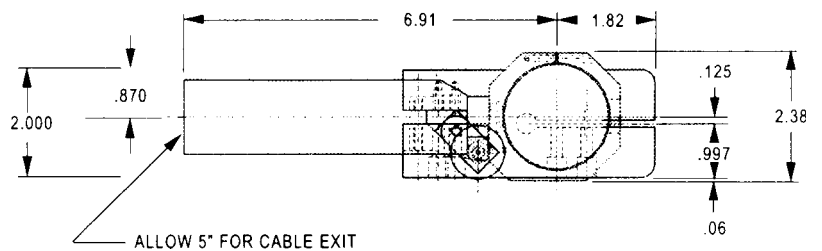
- 200 watt 40 kHz Ultra Series generator
- 350, 700 or 1000 watt DPC generator

Options

- Amplitude control (DPC)
- Weld-by-energy mode
- Monitor all energy and power parameters



Back View



Top View

Note: All specifications are subject to change without notice. Please consult Dukane for any updated information.
These drawings represent typical components and are not to scale!