

### *Ultrasonic Hand Held Mini-Slitter For Slitting-Sealing of Fabrics*

#### Description

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 cut to length.

The mini-slitter operates with Dukanes *iQ* 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 30 or 40 kHz.
- Standard Dukane 1" diameter slitting anvils.
- Flat faced hardened steel 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)

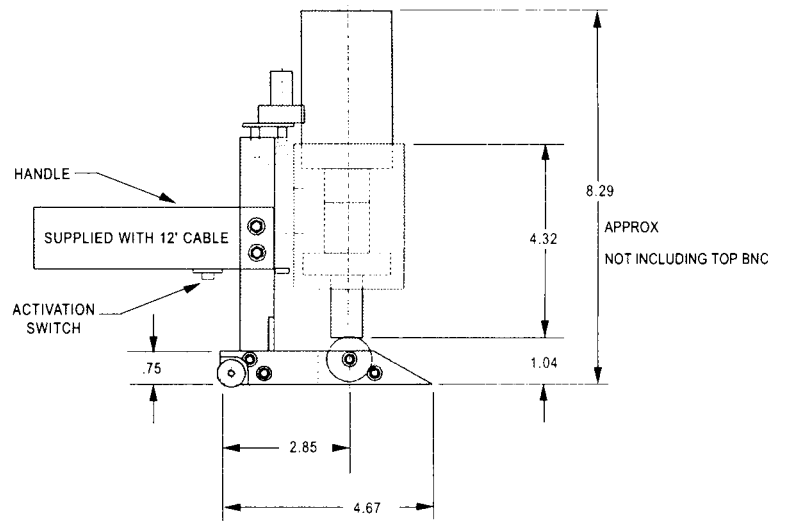
## Requirements

- Dukane probe system (sold Separately)
- Hardened steel slitting horn (sold Separately)
- Slitting anvil (sold Separately)

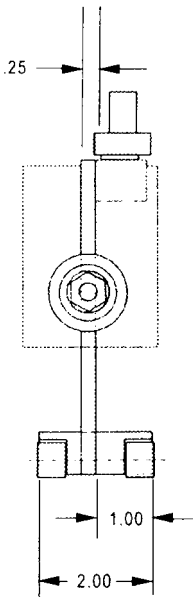
## Available Probe Systems

- 600 watt iQ Hand Probe generator
- 30 or 40 kHz

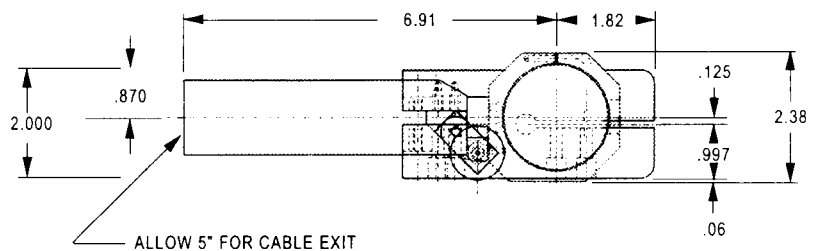
## Sonic Slitter Dimensions (inches)



Side View



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!

