

### ULTRASONIC CLEANER

Ultrasonic cleaning has long been the preferred means of cleaning optical fibers for critical application splicing. However, previous ultrasonic technology was designed for cleaning larger objects, and the results were sometimes not optimum for fiber.

The 3SAE Ultrasonic Cleaner is a purpose-built ultrasonic fiber cleaner that was designed specifically for fiber splicing applications. Many years of splicing experience went into the functional, ergonomic design that ensures consistent cleaning results and easy fiber loading.

Operation of the 3SAE Ultrasonic Cleaner is easy and intuitive. The fiber holder rail can be adapted to many popular fiber holders. To operate, simply lower the fiber holder down the rail and press the start button. Audible and visual indicators indicate when the fiber should be removed.

The intensity of cleaning can be adjusted to optimize results for different fiber types and sizes. Programmable presets can be provided for special applications.



#### Key Features:

- Compact, low maintenance bench top design
- Fast cycle time
- One touch operation
- Adjustable cleaning times
- Frequency tuned oscillation
- One step alcohol disposal
- Fiber holder platforms for all fusion splicer manufacturers
- Grounded, universal-input power external supply with worldwide safety agency approvals.
- Operator independent

#### Technical Specifications:

- Dimensions: 76 (W) x 134 (D) x 191 (H) mm
- Weight: 1.4 kg
- Power Source: Input: 100 - 240 V AC, 50/60 Hz
- No PC Connection Required
- Fiber Holder Compatible for all Fusion Splicers
- No Calibration Required
- Fiber Cladding: 50  $\mu$ m - 1.5 mm
- Fiber Coating: 80  $\mu$ m - 2.0 mm
- Cycle Time: 3 - 48 s

#### Product

#### Part Number Qty

#### Ultrasonic Cleaner Models

3SAE USC (Fitel/Fujikura 16 mm F/H Rail)	ACC-01-0100	
<i>*Compatible with all Fitel S122, S123, S153, S177, S178, S183, S183PMII fiber holders and S184 S710S-250, 400 &amp; 900 fiber holders</i>		
<i>*Compatible with AFL/Fujikura FSM-40, FSM-45 and FSM-100 fiber holders.</i>		
3SAE USC (Fitel/Fujikura 18 mm F/H Rail)	ACC-01-0102	
<i>*Compatible with Fitel S184 S710S-LDF fiber holders</i>		
3SAE USC (Ericsson F/H Rail)	ACC-01-0101	
<i>*Compatible with Ericsson 925, 975, 995 and FSU 15 fiber holders.</i>		
3SAE USC (Solid Top Cover, No F/H Rail)	ACC-01-0111	
<i>*Unit is designed to dip fibers in ultrasonic bath without the use of a fiber holder. Included is a solid top cover to minimize evaporation and contamination while not in use.</i>		

#### Standard Package

Power Supply	SPT-01-1243	1
Power Cord	FPU-02-0037	1
User's Manual	N/A	1
Alcohol Squeeze Bottle	SPT-10-0929	1

#### Optional Components

12 mm Rail (Ericsson)	SPT-01-0282	
16 mm Rail (Fitel/Fujikura)	SPT-01-0283	
18 mm Rail (Fitel)	SPT-01-0308	
USC Solid Top Cover	SPT-01-0486	
USC Lid Assembly with Fitel/Fujikura Rail 16 mm	SPT-01-0497	
USC Lid Assembly with Fitel Rail 18 mm	SPT-01-0498	
USC Lid Assembly with Ericsson Rail 12 mm	SPT-01-0499	

\*INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.