

# Intelligent Assembly Solutions

# 20 kHz Sealed Transducer



#### **FEATURES**

- Designed specifically for washdown environments like: aseptic packaging and food processing
- Materials chosen specifically for clean in place processing applications; non-contaminating metals won't corrode
- Sealed stainless steel transducer housing with anodized aluminum front slug allows steam or water washdown without damaging internal components
- Water and steam proof electrical cables prevent internal electrical shorting or discharge
- Input and output connections let cooling air pass over internal ceramics to prevent overheating
- Rear-mounted 24" (610mm) flexible ultrasound cable with liquid-tight MIL-SPEC connector allows intermediate cable hookup for easy serviceability and maintenance; provides superior relief on cable
- •Transducer power handling capabilities from 500 to 3,000 watts covers all application requirements
- Compatible with all Dukane 20 kHz model generators
- CE approved

#### **SPECIFICATIONS**

#### **Pneumatic Requirements**

- 10-20 psi of clean, dry air
- 1.0-3.0 cfm required

## **Power Requirements**

• 20 kHz generator

### **Physical Dimensions (typical)**

Case Diameter:

2.75" (70mm)

• Case Length:

4.12" (105mm)

• Cable Length:

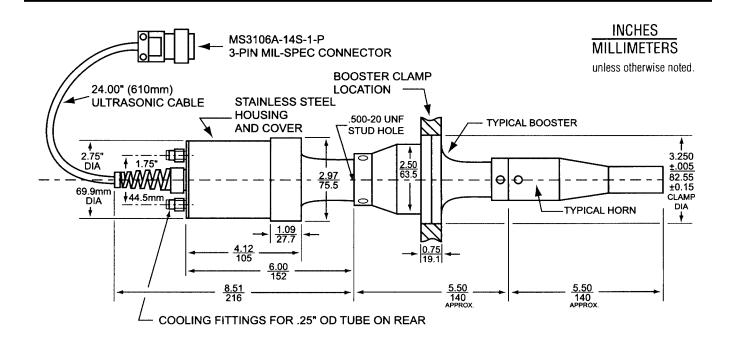
24.00" (610mm)

Weight:

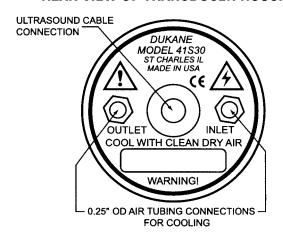
6.00 lbs (2.7 Kg)

• Finish:

Stainless steel/aluminum



#### **REAR VIEW OF TRANSDUCER HOUSING**



Note: Dimensions are for reference only. Horn and booster dimensions will very depending on horn configuration and booster gain ratio.