

## HUS-5 Sound Pressure Sensor by Honda Electronics

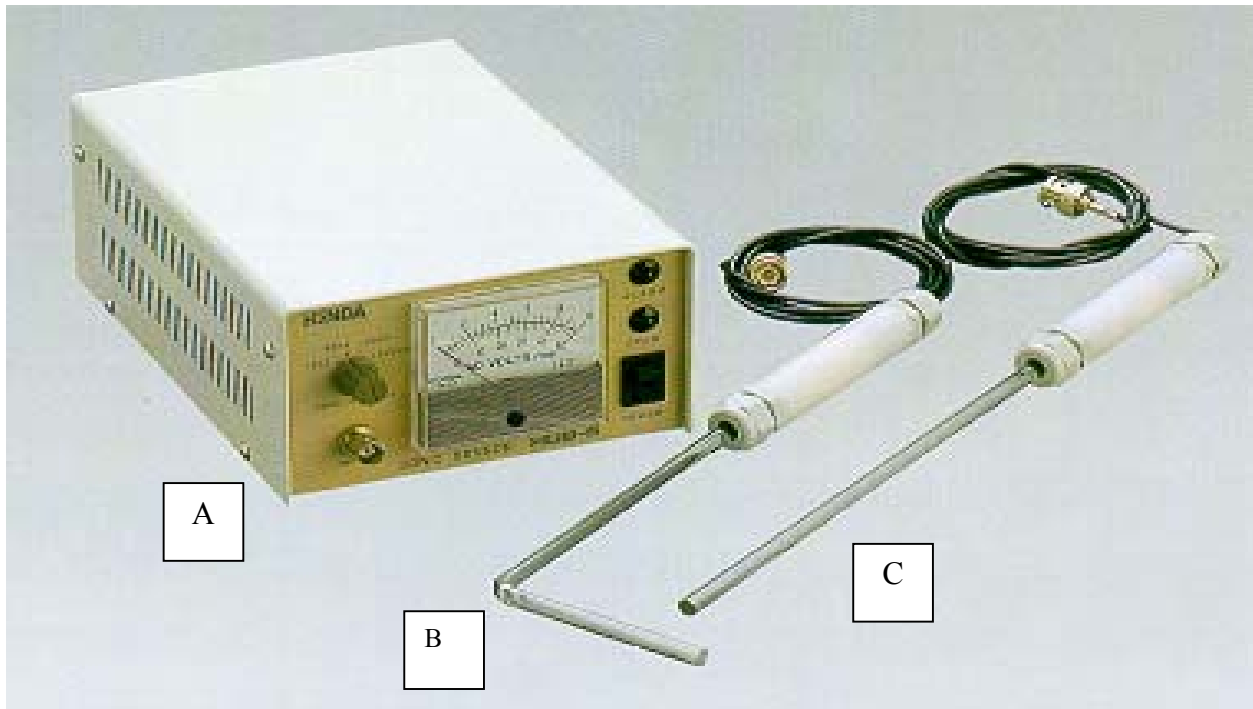


Figure 1: HUS-5 Sound Pressure Meter

### Features:

- A) Main Unit (HUS-5)**
- B) L Type Probe (HUS-5-PL)**
- C) Straight Type Probe (HUS-5-PS)**

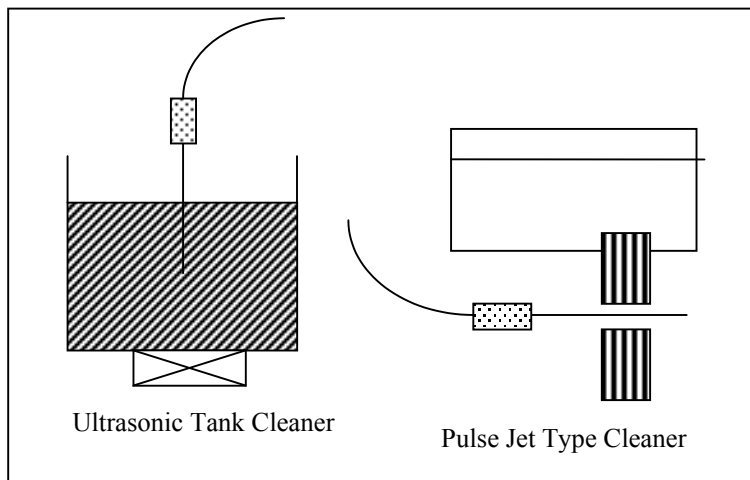


Figure 2: Sound Pressure Meter Application

### Application:

It is often necessary to measure the output of ultrasonic and megasonic cleaners for quality control. The HUS-5 provides the user with this capability by offering the following:

- Check cleaning efficiency of cleaners
- Adjust or tune cleaners in both laboratory and production line environments
- Measure sound pressures in the range of 10kHz to 5MHz
- Applicable to all types of cleaners: immersed type, water flow type, and tank type
- Compatible with most cleaning solutions



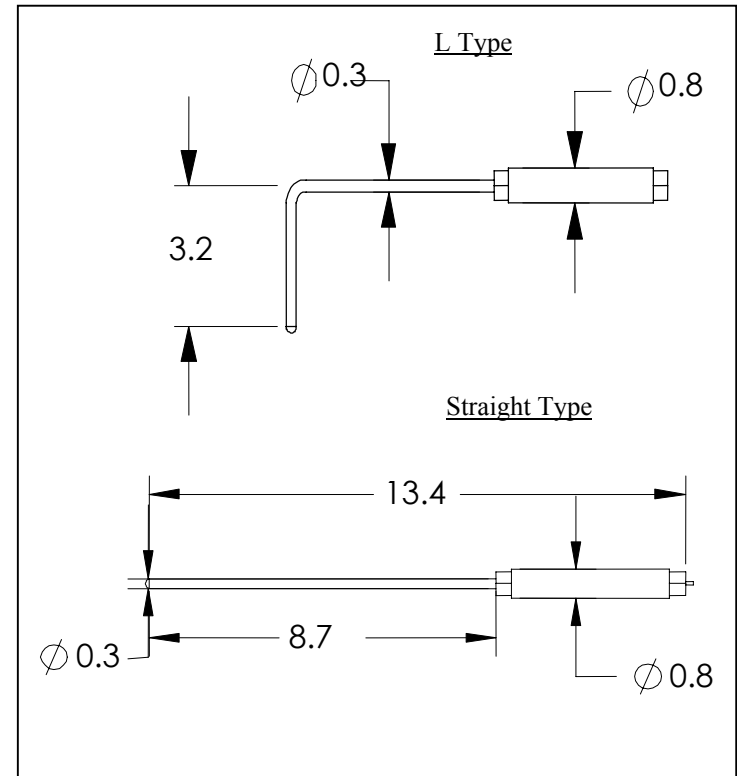
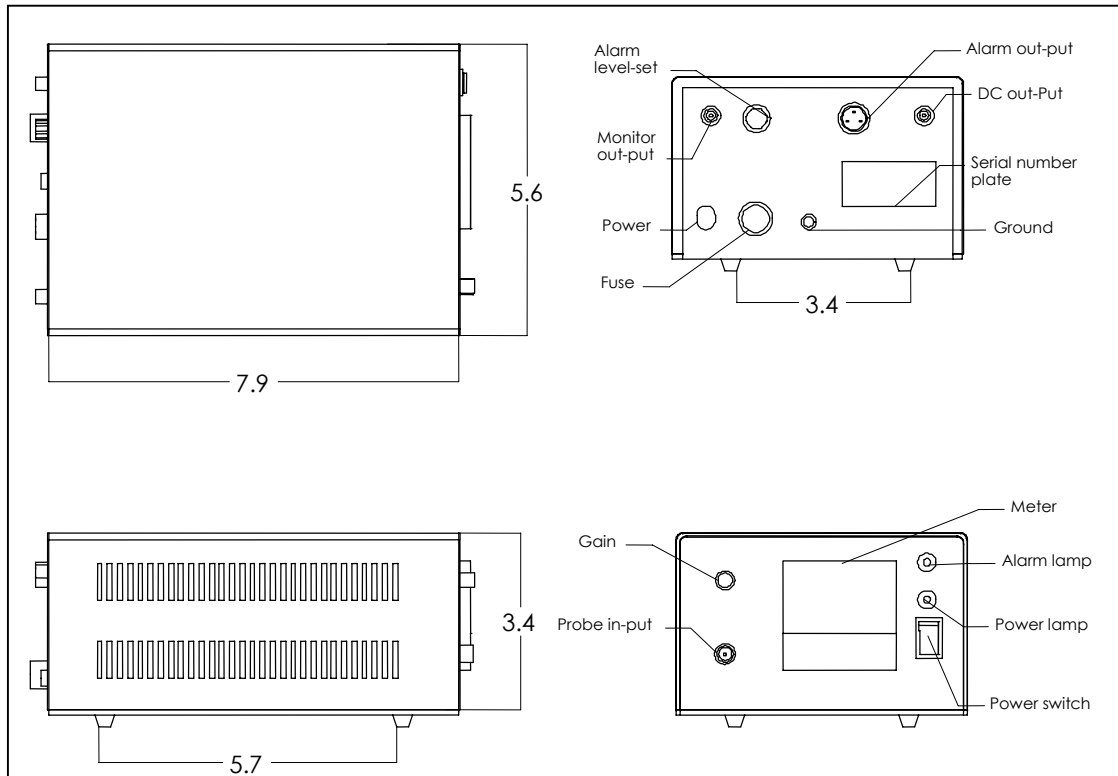


Figure 1: Outer dimensions of HUS-5 Sound Pressure Meter\*  
 \*All dimensions rounded to 0.1 inches

Figure 2: HUS-5 Sound Pressure Meter Probes

## Specifications

MAIN UNIT	
Model	HUS-5
Frequency Range Measurable	10KHZ - 5MHZ
Power Consumption	Approx. 2VA
Required Voltage	AC 100 V 50/60HZ
Signal Input	Designated Probe
Range of Measurement	10mV, 50mV, 100mV, 500mV
External Dimensions	143(W)x224(H)x87(D) mm
Output Choices	Monitor, Recorder, Alarm
Weight	Approx. 1.3 Kg
Meter Display	Volt rms (Relative value)

PROBE	
Straight Type	HUS-5-PS
"L" Type	HUS-5-PL
Directional Characteristic	Non-directional
Liquid Temperature	0 - 100°C
Material at Liquid Contact	Quartz Glass
Length	340mm (straight)
Cable Length	1.5m
Weight	Approx. 60g
Non-Compatible Liquids	Heated strong alkaline, Hot Phosphoric Acid, Hydrofluoric Acid