PRODUCTS
CATALOGUE

# HEALTH CARE


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## Microporous Atomizing Transducer

### Features

- Fine atomized particles
- High through hole rate, up to 97%
- Acid and alkali resistance and cavitation corrosion

### Applications

- Medical sprays

| Model | HQ0074 |
|---|---|
| Appearance | |
| Resonant frequency (Khz) | 110±5 |
| Static capacitance (pF) | 3200±20% |
| Resonant impedance (Ω) | ≤180 |
| Aperture (μm) | 3±1 |

## Ultrasonic Atomizing Module

### Features

- No electricity in water
- Equipped with water level detection,water automatically shut down
- High conversion efficiency, low power consumption and low heating

### Applications

- Hydrogen oxygen ventilator

| Model | UM0122 |
|---|---|
| Appearance | |
| Input voltage (V) | 24 |
| Resonant Frequency (Mhz) | 1.7±0.05 |
| Current consumption (A) | 0.77±0.07 |
| Atomization (mL/h) | 250-350 |

## Open Type Ultrasonic Sensor

### Features

- High cost performance
- Strong anti-interference capability

### Applications

- Oxygen machine

| Model | TO0039& TO0040 | TO0116-004 |
|---|---|---|
| Resonant frequency (Khz) | 25.0±1.0 | 40.0±1.0 |
| S.P.L (dB) | ≥110 | ≥105 |
| Sensitivity (dB) | ≥-65 | ≥-70 |
| Max. input voltage (Vrms) | 20 | 20 |
| Static capacitance (PF) | 2300±20% | 1700±20% |
| Size (mm) | Φ16.0 x H 12.0 | Φ10.0 x H 7.1 |

# Ultrasonic Harmonic Scalpel Transducer

## Features
- Large amplitude
- High reliability

## Applications
- Ultracision harmonic scalpel

| Model | HN0780 |
|---|---|
| Appearance | |
| Resonant frequency (Khz) | 106 |
| Resonant impedance (Ω) | ≤30 |
| Static capacitance (PF) | 660±20% |
| Dimensions (mm) | 16x6x2.5 |



# Lineup

| Model | Appearance | Medical atomizer | Oxyhydrogen ventilator | Oxygen Generator | Cutting hemostatic knife |
|---|---|---|---|---|---|
| Microporous Atomizing Transducer | | ■ | | | |
| Ultrasonic Atomizing Module | | ■ | ■ | | |
| Open Type Sensor | | | | ■ | |
| Ultrasonic Harmonic Scalpel Transducer | | | | | ■ |