# Jain Laboratory Instruments



**Product Code . JL-USM-4016**

# Digital Ultrasound Diagnostic Device

## Description

### Digital Ultrasound Diagnostic Device

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|---|---|
| Power Supply | 230 AC/50 Hz or 110V AC/60 Hz |
| Continuous Operating Time | > 8 Hours |
| Transducer | Multi frequency Convex Array |
| Frequency | Standard 2.5/3.5/5.0 Mhz |
| Display Mode | 4B,B, B/B, B/M, M |
| Grey Scale | 256 |
| Frame Rate | 60 Frames/Second |
| Digital Scan Converter | 576 x 460x8 bit |
| Zoom | 11 levels partial zoom |
| Body Marks | 38 type indicating probe position |
| General Measurements | Distance<br>Area/Perimeter<br>Volume (Ellipse Method)<br>Angle<br>Ratio<br>Heart Rate<br>EF Slope<br>Interval in M Mode, HIP Joint, Stenosis |
| Software Measurements | GS, CRL, BPO, HC, AC, FL and EDD by LMP Uterus, left/right ovary, endosmetriumn measurement of left/right ventricle, mitral and pulmonary valve |
| Resolution | Lateral (Horizontal) Depth <= 2 mm<br>Axial (Vertical) Depth <= 1mm |
| Maximum Measurement Depth | > 190 mm |
| Display Screen | 10 inch SVGA |
| | |

| | |
|---|---|
| Video Output | PAL |
| Dimensions | 365 (H )X 292 (W)X 380 (D) mm |
| Weight | 10 kg approx |
| Operating Temperature | 5 to 40 degree centigrade |
| Operating Humidity | < 80 % |
| External Interface(Optional) | Foot switch<br>Video graphic Printer<br>Biopsy acupuncture |