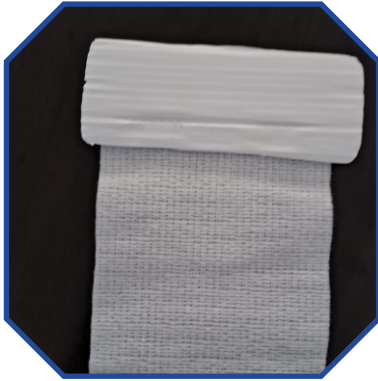




ULTRASONIC PLASTIC WELDING MACHINE FOR MEDICAL APPLICATIONS

Specially For Automotive Industry



The Ultrasonic Plastic Welding Machine for the medical industry is a precision-engineered solution designed for welding plastic strips used in plaster cast supports. It ensures strong, clean, and consistent welds without the use of adhesives or additional materials. Ideal for medical manufacturing, the system offers high accuracy, reliable performance, and hygienic operation, meeting the strict quality standards required for orthopaedic applications.

SPECIFICATION

Frequency (kHz)	20 khz
Power (Watt)	3000
Horn	Titanium
Actual Weight	Approx. 200 kg
Actual Size (L x W x H)	Approx. (700 X 700 X 1800 mm)
Packaging Type & Size	Wooden Box and Approx. Size (800 X 800 X 2000) mm
Power Supply	AC 230V 50/60Hz, 16Amp
CVT / Stabilizers	If the voltage is unstable, then use a CVT/Stabilizer to avoid damage
Operating Working Pressure	2 to 10 bars (Air Compressor required 1Hp 50Ltr)
Input Power Supply	AC 230 V, 50/60 Hz, 16 Amp
Cylinder Type	Pneumatic
Stroke Length	As per the application
Control System	Fully touch screen
Welding Mode	Time Mode / Energy Mode /Manual Mode
Frame Structure	Rigid MS / Aluminium Body

FEATURES

1. Touchscreen PLC Controller
2. Low Maintenance Design
3. Single-Phase Power Consumption
4. Adjustable Height to Suit Application Needs



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