



Ultrasonic Hand Welding Case

Plastics
Technologies
in Motion.

FRIMO Hand Welding Case – High-Tech for prototypes, repairs, small series and more ...

FRIMO's mobile ultrasonic welding unit consists of sophisticated components which have been efficiently matched and meet all requirements for a mobile application. The integrated digital generator FG 441 B / FG 841 B excels itself by an easy operating concept and good serviceability. All important parameters are indicated clearly arranged on a large-sized LCD graphic display.

Mobility assured

FRIMO hand welding case consisting of: Digital Generator FG 441 B or FG 841 B, Hand Welding Gun FH 413 with US-Converter 841 or Hand Rod Welding 413i with US-Converter 841i, tool, case material of impact resistant PP (54x42x22 cm) and a total weight of approx. 9 kg.



Digital ultrasonic generator

The generator has a digital frequency generation system, an intelligent ventilator switching to avoid any soiling of the unit as well as a no-load safety system and a soft start system to ensure a smooth oscillation build-up. Ingenious protective systems guarantee an extremely high reliability. Negative factors on the parameter settings such as temperature, tolerances and aging have completely been eliminated.



Technical data FG 441 B / FG 841 B generator

Mains voltage (AC 50/60 Hz)	230 V
Maximum current, eff.	3,0 A
Working frequency	40 kHz
Maximum output power	400 / 800 W
Amplitude stability	100 %
HF output voltage	1250 V
Efficiency	≥ 95 %
Installed load	660 VA
Module fuse	F 10 A
Type of enclosure	IP 20
Dimensions W×H×D	250 × 78 × 171 mm
Weight	2,9 kg
Length HF cable	max. 10 m

Menu guidance

- Frequency indication
- Power indication
- Combined indication
- Amplitude control
- Timer mode
- Energy mode
- Power monitoring
- Time monitoring
- Part counter
- Contrast
- Background lighting
- Password

Benefits

- Technically perfected ultrasonic welding unit for mobile use
- Practically evidenced complete equipment in sturdy service case
- Flexible and multifunctional in use
- Including state of the art Digital Generator FG 441 B (400W, 40kHz) or FG 841 B (800W, 40kHz) with standardly offered complete menu guidance
- Ergonomically shaped hand welding unit with optional gun handle or rod-shaped handle
- Convincing price/performance ratio
- Short amortization

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