F2 is an ultrasonic device designed for NDE and quality control for various applications, including resistance spot welds, and adhesive joints. Using the unique technology of multi-channel ultrasonic matrix arrays, this portable and simple-in-operation device is capable of producing internal ultrasonic C-scan images of defects and structures.

**RSWA software:** unique algorithms and multi-channel transducers provide information about internal nugget structure such as its size and indentation depth for proper weld quality evaluation.

**ABIS software:** viewable presence of adhesion facilitates determining defects of bonding and shows bead size.

Our software helps making decisions, guides through inspections routine with easy to understand graphics, allows saving completed inspections and transfers reports to PC based data bases.

**Specifications**
- **Processor:** Apollo Lake Intel Pentium N4200 Quad Core, 1.1 GHz, up to 2.5 GHz
- **Display:** 10.1” IPS panel, 1920 x 1200
- **Resistive touch screen**
- **Replaceable screen protector**
- **Memory:** 4 GB DDR3L
- **Storage:** 256 GB SSD
- **Communications:** WLAN 802.11 a/b/g/n/ac
- **Bluetooth**
- **External Ports:** 2 x USB 2.0, HDMI, DC-In
- **Power:** 2 x Smart Li-ion batteries, 14.4 V, 49 Wh
- **Average battery run time:** 9–12 hours
- **DC adapter:** 100–240 V, 65 W
- **Transducers:** Channels: 52 or 120
- **Matrix diameters:** 10 or 15 mm
- **Frequency:** 15 MHz
- **Matrix Pitch:** 1.25 x 1.25 mm
- **Mechanical:** Weight with batteries: 2.3 kg (5 lb)
- **Dimensions:** 27.6 x 22 x 5.7 cm (10.9 x 8.6 x 2.3 in)
- **Adjustable stand**
- **Machined aluminum enclosure**