





## Specification

UUG-140 Model name

100487 Order number

Ultrasonic power is optimized for Ultrasonic output power

ultrasonic flip-chip die bond applications; maximum power depends on impedance of the

ultrasonic transducer:

max. output voltage 39 V<sub>ms</sub>

(typ. 40 Watts at 38 Ohms transducer impedance)

30 kHz to 150 kHz frequency range

Full metal housing Housing

height: approx. 75 mm / 3 inch (with rubber feet)

width: 253 mm / 9.96 inch

depth: 250 mm / 9.84 inch

weight: approx. 4.2 kg / 9.24 pounds

Integrated AC power supply Power supply

wide range 110..240 VAC, 50/60 Hz max. 250 VA power consumption

DSUB25m Transducer connector

LEDs: ready, bond, scan and error User interface

test button for ultrasonic (front panel)

reset button (front panel) On/Off switch (rear panel)

Fuse (rear panel)

Open communication protocol for setup of

the UUG-140 and status/diagnosis

## Ultrasonic power input

Digital power input Power input selection

8 bit parallel low active

Flat ribbon cable connector (rear panel)

## **Bond time control**

Automatic bond signal creation Automatic trigger

from 8 bit parallel power input

Flat ribbon cable connector Bond power connector

**Serial Interface** 

USB Type

Type B Connector

**Options** 

PC host software for setup and diagnosis

Data output during bond process or internal data sampling during bond process and output after finishing bond process

F&K reserves the right to change this specification without notice.