

ULTRA 20 Series II DUAL Voltage
two transducer system

Document: U20DUALSPEC.01

System components (boxed new):

1 x Ultrasonic control unit
 1 x AC Module 20
 2 x Mounting bracket (*control unit and AC module*)
 1 x DC Power cable - 3m
 1 x AC Power cable - 1.5m
 2 x Transducer
 2 x Mounting ring (*transducer*)
 1 x Transducer cable - 4m
 1 x Transducer cable - 8m
 1 x Silicone grease (*10g tube*)
 1 x Installation and User Manual
 1 x Warranty document

Control unit and AC Module:

Dimensions 170 x 105 x 60mm (H x W x D)
 IP rating Not rated. Back housing is vented for cooling. PCB is coated for vapour protection.

Transducer:

Dimensions 65 x 85mm (H x W) including transducer mounting ring.
 IP rating IP68 waterproof (*to -10m in heavy polluted water with cable connected*)

Cables:

IP rating IP68 waterproof (*to -10m in heavy polluted water*)
 Type H05 RN-F 2G0.75 flexible rubber cable according to HD 22.4
 Size 6mm (*diameter*)

Connectors:

IP rating IP68 waterproof (*to -10m in heavy polluted water*)
 Pins High contact density, gold plated pins
 Insulator PA66
 Size 19mm (*diameter*)

Power:

Supply DC: 12 / 24v DC (operational range 12 – 32vdc)
 AC: 110/230v AC (50/60 Hz)
 Consumption DC: 1.1amps @ 12vdc (13.2 watts)
 AC: 20 watts
Consumption figures are the maximum draw depending on the program cycle.

Fuse rating 5 amp

Weight: System weight – 2.60kg Shipping weight – 3.0kg

RoHS compliant.

Manufactured to the requirements of the Low Voltage Directive (LVD) 2006/95/EC and Directive of Electromagnetic Compatibility (EMC) 2004/108/EC

LVD EN60950-1:2006/A1 2010; EN60204-1:2006 **EMC** (emission) 61000-6-3; 61000-6-4 (immunity) 61000-6-1; 61000-6-2