Technical data sheet

UT 9005 TX / UT 9012 TX

Device data	
Dimensions (W x D x H)	295 x 180 x 260 mm
Weight	3.75 kg with batteries

Certificates	
Certificate	FCC, IC,CE
Marking	contains FCC ID: QOQWT41 IC: 5123-BGTWT41

Device elements	
Display	graphic liquid crystal display with LED backlight
Interface	USB
Operation	membrane keypad with 4 keys

Operating conditions	
Operating temperature	-20 °C – +50 °C
Storage temperature	-32 °C – +70 °C with batteries, rechargeable batteries -20 °C – +45 °C with lithium ion battery (rechargeable)
Humidity	10 % – 90 % r.h., non-condensing
Atmospheric pressure	950 – 1100 hPa
Protection rating	IP65
Non-permitted operating environments	in potentially explosive areas

Power supply	
Power supply	either: – disposable or rechargeable batteries, 10 cells, type: mono D (as delivered) – lithium ion battery (rechargeable) [9083-9007], built into special battery compartment lid
Operating time, typical	100 h with batteries 80 h with lithium ion battery (rechargeable)
Battery power	130 Wh

Data transmission	
Transmission frequency	2.4 GHz
Radio range	maximum 800 m
Communication	radio

Detection	
Transmitting frequency	75 active frequencies between 64 Hz and 200 kHz
Transmitting power	UT 9012 TX: 12 W, 5 power settings UT 9005 TX: 5 W, 5 power settings

Additional data	
Transport	bag
Shipping instructions	UN 3481: lithium ion batteries contained in equipment or lithium ion batteries packed with equipment net weight of battery/batteries: 0.735 kg

Assignment	
System components of	UT 9000
For use with	UT 9000 R

107278 – 23.03.2017 – Subject to technical changes.

Technical data

UT 9000 R

Device data	
Dimensions (W x D x H)	120 x 325 x 705 mm
Weight	2.2 kg incl. batteries

Certificates	
Certificate	FCC, IC, CE
Marking	Contains FCC ID: QOQWT41 IC: 5123-BGTWT41

Device elements	
Display	Graphic liquid crystal display with LED backlight and light sensor
Interface	USB
Controls	Membrane keypad with 6 keys

Operating conditions	
Operating temperature	-20°C – +50°C
Storage temperature	-32°C – +70°C
Humidity	10% – 90% r.h., non-condensing
Atmospheric pressure	950 – 1,100 hPa
Protection rating	IP65
Non-permitted operating environments	in potentially explosive areas

Power supply	
Power supply	2 cells, type: mono D, either: - batteries (as delivered) - rechargeable batteries
Operating time, typical	30 hrs with disposable batteries

Data transmission	
Transmission frequency	2.4 GHz
Radio range	maximum 800 m
Communications	Radio

Location	
Receiving frequency	75 active frequencies between 64 Hz and 200 kHz passive frequencies: 50/60 Hz 100/120 Hz 150/180 Hz
Location depth	maximum 12 m Error: active location: ±5% up to 3 m passive location: ±10% up to 3 m Sondes: ±5% up to 3 m

Additional data	
Transport	Bag

Assignment	
System components of	UT 9000
for use with	UT 9012 TX, UT 9005 TX

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