WST
WS Technologies Inc.

Innovation and Quality

Ultra Rugged!

Beacon Tester 406

- *All BT100 and BT100AV series Beacon Testers are available in the ruggedized version!*
- *Perfect for marine or any rough environment!*
- *This Tester can handle the toughest field conditions. It meets MIL-STD-810F standards for drops, vibration and temperature extremes, and it has an IP67 rating—meaning it's impervious to dust and water immersion.*

Specificaltions:

PHYSICAL
Size:	19.0 cm (7.50") x 9.5 cm (3.75") x 4.5 cm (1.75")
Weight:	520 g (18 ounces)

ENVIRONMENT
Operating temperature:	-10° to 60° C (14° to 140° F)
Storage temperature:	-40° to 70° C (-40° to 158° F)
Temperature shock:	MIL-STD-810F, Method 503.4
Humidity:	MIL-STD-810F, Method 507.4
Water:	IP67, sealed against accidental immersion (1 m for 30 min.) MIL-STD-810F, Method 512.4, Procedure I
Drop:	MIL-STD-810F, Method 516.5, Procedure IV 26 drops from 1.22 m (4 ft) onto plywood over concrete, 6 additional drops at -30° C (-22° F), 6 additional drops at 60° C (140° F)
Sand and dust:	IP67, MIL-STD-810F, Method 510.4, Procedure I
Vibration:	MIL-STD-810F, Method 514.5, Procedure I (Fig. 17) & II
Altitude:	MIL-STD-810F, Method 500.4, Procedures I, II & III 15,000 ft at 23° C (73° F)

ELECTRICAL
Processor:	Intel PXA255 XScale CPU 200 MHz
Memory:	64 MB high-speed SDRAM (~22 MB reserved)
Storage:	Onboard nonvolatile NAND Flash 128 MB (~31 MB reserved)
Display:	240x320 pixel (1/4 VGA) color TFT with LED front light
Batteries:	3800 mAh NiMH rechargeable pack
I/O Ports:	406 MHz direct input 50Ω, 9-pin serial port—RS232 (115 Kbps), USB client, DC power port

Note: All S versions must have cap removed to connect 10 MHz reference.

Rugged Beacon Tester

BeaconTester 10:33 ok
EPIRB Serial SLP Protocol
Normal Mode   18-Feb-07 10:03:07
INT ANT   File: BEACON2   INT REF
FFFE2F96E619AF3C31EEF11826F79E42E365
2DCC335E7863DDE
Country: United States
C/S Approval #: 102
Serial Number: 12092
Position Source: Internal GPS
Auxiliary Radio: 121.5 MHz
Bits 107-110: Default
Latitude: N 49°52'36"
Longitude: W 119°27'4"
Details | Graphics | Options | Next

WST
RECON

Ordering Information:
BT100 series:
910-BT100A-R
910-BT100S-R

BT100AV series:
910-BT100AVtriple-R
910-BT100AVS-R

Over 12 hours of testing in one battery charge!

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