



## WTX-35-C CW Test Transmitter 60 MHz to 3700 MHz



### Wide-band Hand-held

All bands in one transmitter (60-3700 MHz)

CBRS  
LTE  
UMTS/HSxPA  
GSM/EDGE  
CDMA2000/EV-DO  
WiFi  
WiMAX  
Public Safety/TETRA/LMR

Consultix's award-winning WTX Test Transmitters are setting the standard for next generation transmitters for indoor and outdoor applications. The wideband operation frequency allows a single device to be used for all bands and technologies from 60MHz and up to 3.7 GHz, eliminating the need to purchase and carry multiple transmitters to the site.

The superior RF performance and output level accuracy, +20 dBm standalone output power and +47 dBm with optional external amplifiers, make it the ideal solution for outdoor and Indoor propagation model tuning, and DAS injection tests.

#### Performance

- 0.5 dB Level Accuracy (Typ.)
- Outdoor Configurations (50 Watt Amplifiers)
- 1 KHz Frequency Resolution
- Up to 3 Hour Battery Operation

#### Convenience

- 60 to 3700 MHz Wireless Bands in a Single Unit
- Light Weight (< 700g)
- Ergonomic Handheld Form Factor
- Tripod Mounting Options



<b>Specifications:</b>	
<b>RF Characteristics</b>	
Number of RF Ports	1
Internal Frequency Accuracy	2 ppm. (Typ. 1 ppm)
Frequency Ranges (Selected as per Ordering Information below)	60 MHz to 3.7 GHz
Number of Bands per unit	Multi-band
Frequency Step	1 KHz
Modulation	Continuous Wave (CW)
Min. Output Power	-10 dBm
Max Output Power	20 dBm @ 60 MHz to 2.2 GHz 15 dBm @ 2.2 GHz to 2.7 GHz 12 dBm @ 2.7 GHz to 3.6 GHz 5 dBm @ 3.6 GHz to 3.7 GHz
Power Accuracy	±1 dB (typical ±0.5 dB)
Harmonic spurious (All measurements @ max output)	-40 dBc @ 60 MHz to 1.5 GHz (typ. -55 dBc) -50 dBc @ 1.5 GHz to 2 GHz (typ. -55 dBc) -60 dBc @ 2 GHz to 3 GHz
RF output	50 Ohm SMA Female
<b>Power supply</b>	
Input Power	9 to 14 VDC (Over voltage protection up to 28VDC)
Power Consumption	<7 Watts
Charger	110/220V AC, 50/60 Hz. or 12V Car Charger
DC Input	Power Jack 2.1 mm ID 5.5mm OD
Battery operation time	>3 Hours (At continuous maximum output power)
Battery Standby Time	450 minutes (typical 500 minutes)
Battery Charging Time	3 Hours (@ continuous maximum output power)
<b>Physical</b>	
External Dimensions	L179 x W80 x H43mm
Weight	<700 gm (1.5 lbs.) including battery
Operating Temp	-10 to +40 C
Compliance	CE and RoHS
Ingress Protection	IP65
<b>Standard Package</b>	Handheld Transmitter, AC/DC Charger, Hard Carrying Case and User Manual

<b>Ordering information</b>	
Multi-band CW Transmitter; 60 MHz to 3000 MHz	WTX-35-C3
Multi-band CW Transmitter; 60 MHz to 1000 MHz	WTX-35-C1
Multi-band CW Transmitter; 700 MHz to 3000 MHz	WTX-35-C2
Band Upgrade of WTX-35-C1/2 to WTX-35-C3	WTX-35-CU
Frequency Range License: 3000 MHz to 3700 MHz	WTX-35-C37
10 Watt Power Amplifier; 400 MHz to 2700 MHz. (Others available)	PA-4027-40
3m RF cable (SMA Male to Type-N Male)	WTX-Acc-CSN
Multi-band Omnidirectional DAS Antenna (380 MHz - 6000 MHz)	WTX-Acc-DA0
Multi-band Omnidirectional DAS Antenna (698 MHz - 2700 MHz)	WTX-Acc-DA1
Multi-band Cellular Whip Antenna (698 MHz - 2690 MHz)	WTX-Acc-CA1
TETRA Whip Antenna (380 MHz-450 MHz). (Other bands available)	WTX-Acc-TA0
External battery pack (Up to 8 hours operation)	WTX-Acc-BP
Car charger	WTX-Acc-CC
Tripod 4 m (158 in.), folds down to 64 cm (25 in.) (Other lengths available) (Including custom mounting plate to mimic ceiling Antenna)	WTX-Acc-4T

**Find us:**

Building 57A, 2nd district, 6th area, El-Teseen st.11835, New Cairo, Egypt.  
+2 02 25647370 info@consultix-egypt.com