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## Test & Measurement

- > sales
- > rentals
- > calibration
- > repair
- > disposal

## Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



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Product Lifecycle Management System

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# Specifications

## Transmitters (GWMT-XXXX)

Invex3G™ Transmitters are rugged, portable, and ideally suited for both indoor and outdoor use. The transmitters are critical in network design for propagation model tuning and coverage prediction. With these design considerations assessed, new cell site locations are confidently selected, and existing site performance assured.

The transmitters generate CW test signals in the UMTS, PCS, DCS, GSM and Cellular bands. Operation is straight forward with front panel entry of frequency and power levels. The LCD display shows the current operating point as well as supply voltage and internal temperature. The transmitter is rated for continuous duty across its full operating temperature and voltage range. Built in protection assures no damage due to high VSWR loads or over temperature conditions. Invex3G™



Transmitters are the clear choice to generate spurious free and reliable test signals.

GWMT Specifications	Model	
Frequency Range	GWMT-21XX	2110 – 2170 MHz, 50 kHz steps
	GWMT-19XX	1850 – 1990 MHz, 30 or 50 kHz steps
	GWMT-18XX	1710 – 1880 MHz, 50 kHz steps
	GWMT-09XX	871 – 960 MHz, 50 kHz steps
	GWMT-08XX	824 – 894 MHz, 30 kHz steps
Frequency Stability	All	± 1 PPM, -20 to +55° C
Output Power	GWMT-XX20	20 W (+43 to 13 dBm) adjustable in 0.1 dB increments
	GWMT-XX01	1 W (+30 to 13 dBm) adjustable in 0.1 dB increments
Power Level Accuracy	All	± 1 dB (+43 to 13 dBm)
Output Harmonics & Spurious	All	< -60 dBc relative to full output power
Output VSWR	All	1.5:1 maximum
Load VSWR Protected	All	No damage into OPEN/SHORT at all phase angles
Over-temperature Protection	All	Disables itself if PA temperature becomes excessive
Continuous Duty Cycle	All	Over full temperature and operating range
Power Source	GWMT-XX20	90-130 /180- 264 VAC, 48 – 62 Hz (300 Watts) or 11 – 15 VDC (< 20 A)
	GWMT-XX01	11 – 15 VDC (1.5 A Nominal, < 2 A), AC supply optional
RF Output Connector	All	Type N female
Dimensions	All	17.5 cm x 33 cm x 41 cm (16 1/8" x 13" x 6 7/8")
Weight	GWMT-XX20	12 kg (26 lbs.)
	GWMT-XX01	7 kg (16 Lbs.)

