

STMM300 FM MODULATION MONITOR

FEATURES

- ✓ A complete instrument to check broadcast FM modulation parameters
- ✓ Very easy to use also by not skilled personnel
- ✓ Portable unit with hardware for a 19" rack mount
- ✓ Over-deviation instant indication with LED and buzzer sound
- ✓ Up to 4 frequencies storing capability
- ✓ Option 01: PC connection to record modulation and display histograms
- ✓ Option 03: bag set for field use



SPECIFICATIONS

FREQUENCY RANGE	87.5 ÷ 108MHz
TUNING	By rotary PLL controlled knob
TUNING STEP	10KHz and 100KHz selectable
ANTENNA INPUT LEVEL	100µV to 30mV
ANTENNA CONNECTOR	BNC-F 50 OHM
IMAGE REJECTION	> 52dB
IF REJECTION	> 80dB
FREQUENCY METER	High visibility LCD Digital Display
FREQUENCY ACCURACY	± 2,5 ppm
CARRIER LEVEL ACCURACY	± 2dB
CARRIER LEVEL METERING	Representing in dBm and dBµV
LOCAL MODE ATTENUATOR	~ 25dB
IF BANDWIDTH	280 KHz ± 5%
SIGNAL to NOISE RATIO	70dB 400Hz with 50µS
HARMONIC DISTORTION	< 0.2%
FREQUENCY RESPONSE	± 0.1dB 30Hz to 90KHz
MODULATION METERING	High speed illuminated analogic meter
DEVIATION INDICATION	0 to ± 100KHz 100% at ± 75KHz
DEVIATION ACCURACY	± 5%
L & R ACCURACY	± 1dB
L - R ACCURACY	± 1dB
19KHz PILOT TONE ACCURACY	± 0,8 dB
57KHz RDS TONE ACCURACY	± 1,5dB
STEREO CROSSTALK	40dB 100Hz ÷ 10KHz (typ. 45dB @1KHz)
L & R OUTPUT CONNECTORS	RCA F golded PLUG
L & R OUTPUT LEVEL	2,2V PeP 30 OHM
MPX OUTPUT CONNECTOR	BNC-F 1V to 2,2V PeP 30 OHM
HEADPHONE LEVEL	1W adjustable
POWERING	12V DC – AC 110÷240V Adapter included
DIMENSIONS	9,2cm (H) x 31cm(W) x 30cm (D)
WEIGHT	2,9 Kg