

## 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

**TUNING** 

**TUNING STEP** 

ANTENNA INPUT LEVEL

ANTENNA CONNECTOR

**IMAGE REJECTION** 

IF REJECTION

FREQUENCY METER

FREQUENCY ACCURACY

CARRIER LEVEL ACCURACY

CARRIER LEVEL METERING

LOCAL MODE ATTENUATOR

IF BANDWIDTH

SIGNAL to NOISE RATIO

HARMONIC DISTORTION

FREQUENCY RESPONSE

**MODULATION METERING** 

**DEVIATION INDICATION** 

**DEVIATION ACCURACY** 

L & R ACCURACY L - R ACCURACY

19KHz PILOT TONE ACCURACY

57KHz RDS TONE ACCURACY

STEREO CROSSTALK

L & R OUTPUT CONNECTORS

L & R OUTPUT LEVEL

MPX OUTPUT CONNECTOR

**HEADPHONE LEVEL** 

POWERING DIMENSIONS

WEIGHT

87.5 ÷ 108MHz

By rotary PLL controlled knob

10KHz and 100KHz selectable

100µV to 30mV

BNC-F 50 OHM

> 52dB

> 80dB

High visibility LCD Digital Display

± 2,5 ppm

± 2dB

Representing in dBm and dBµV

~ 25dB

280 KHz ± 5%

70dB 400Hz with 50µS

< 0.2%

± 0.1dB 30Hz to 90KHz

High speed illuminated analogic meter

0 to ± 100KHz 100% at ± 75KHz

± 5%

± 1dB

± 1dB

± 0,8 dB

± 1,5dB

40dB 100Hz ÷ 10KHz (typ. 45dB @1KHz)

RCA F golded PLUG

2,2V PeP 30 OHM

BNC-F 1V to 2,2V PeP 30 OHM

1W adjustable

12V DC - AC 110÷240V Adapter included

9,2cm (H) x 31cm(W) x 30cm (D)

2,9 Kg