I bought this meter at a recent SK sale. It came with an Operating Guide, but no service information. (nothing on internet)

SO WHAT IS IT?
It is HF/VHF/UHF AM/FM/PM Digital Modulation Meter (Automatic scanning Rx).

SPECIFICATION
Power AC IEC Mains input 230V/115 @ 15VA or internal batt, rear SW
RF Input BNC socket 50Ω, Max 7V (1W).
Frequency range Scanning type 1.5MHz-2GHz. (5-40mV input typical)
Modulation meter Auto Rx. +/- peak & combined Average. With 20 bit bargraph.
Ranges Automatic AM 0-100%, FM 0-9kHz & 10-100kHz, PM 0-5 Radians.(2% typical)
AF Filters Comms 300Hz-3kHz, HiFi 50Hz-15KHz & Wideband 50Hz-30kHz.
IEEE 488 bus Remote control for measurements & reporting test result.
Mod Out BNC & Volume control for internal rear LS.
IF Out 410KHz at rear BNC.

It was made in Feltham UK in 1980s. It has a comprehensive power on self check that tests all the systems & basic calibration.

ERROR CODES
90 LEDs & Ram, 80 ROM Checksum, 18 Battery <10 or >14V, 5 +5V, 12 +12V, -6 -6V, 51 +ve detector, 52 +ve det 10x, 43 -ve Det 10x, 55 3kHz filter, 56 15k filter 57 Wideband filter.
INSIDE

Rx Converter & IF modules
below Digital PCB underneath.

mod out

1 Wide 2 ..
Filter : _FM Rx
Filter : _AM Rx
3 SW HiFi
4 Filter 5
4 Mode 6
9 SW Comms 7
10 Filter 8

Upper Analog PCB
Det 11
LS : LS
amp

12 Mains XF | charge
Batteries regulator
PSU under |

[LS]
Rear Panel IEC

FAULTS
It internal 12V (10x AA 0.5AH) Nicad battery was missing, so I added 4
recovered 4AH Li cells to make a 12-16V pack. A voltage doubler & constant
current is used for battery charging with cpu controlled boost if low.

One of the 2 diodes in the 12V PSU was high resistance & caused the toroid to
overheat. The Logic card has it's own 5V reg & there is a -6V PSU somewhere.

AF Wideband 4 opamp filter, components changed to give 10Hz-60kHz

If anyone has more info one the unit I would appreciate it.

See my tech buls on "RTT Comms Test Set", "DYMAR Mod Meter Type 1785",
"FM Deviation Calibration", & "FM Stereo Radio Principles".

Why don't U send an interesting bul?

73 de John, G8MNY @ GB7CIP

G4APL GB7CIP 13.3.2016