

# TV EXPLORER **HD** High definition TV analyser

This new jewel of the **PROMAX** range will become a reference in the industry for being the very first meter of its kind to actually meet the requirements to be called a real HDTV instrument.

Would it be possible to have all those features in a 2 kg meter?

- Video decoding: MPEG-2 and MPEG-4 H.264
- Audio decoding: MPEG-1, MPEG-2 and AAC
- Video formats: SD (standard definition) and HD (high definition)
- Video resolutions: 1080i, 720p and 576i
- Screen formats: 16:9 and 4:3
- HDMI interface
- DVB-T/H, DVB-C and DVB-S/S2
- CAM module (Conditional Access) for encrypted channels
- TS-ASI input and output



<b>FREQUENCY MARGIN</b>	From 5 to 1000 MHz and from 950 to 2150 MHz
<b>VIDEO</b> Digital modulations Resolutions Video formats Colour system TV standard Aspect ratio	DVB-T, DVB-H, DVB-S, DVB-S2, DVB-C 1080i, 720p, 576 i MPEG-2, MPEG-4 H.264 PAL, NTSC, SECAM M, N, B, G, I, D, K, L 16:9, 4:3
<b>CONNECTIONS</b>	RF, SCART, HDMI, TS-ASI (input and output), USB, Common Interface
<b>DIGITAL MEASUREMENTS</b>	Power, CBER, VBER, MER, C/N, Link margin, Noise Margin
<b>DVB-S2 SIGNAL PARAMETERS</b>	Symbol rate (QPSK) 1 to 45 Mbaud. Symbol rate (8PSK) 1 to 45 Mbaud.
<b>ANALOGUE MEASUREMENTS</b>	Level, V/A, C/N, desviación, FM deviation and demodulation
<b>ADVANCED FUNCTIONS</b>	Channel searching and channel tables generation (EXPLORER) Signal type automatic identifying (AUTO ID) Constellation diagram for DVB-T/H, DVB-C, DVB-S and DVB-S2 Echoes analyser mode Built-in spectrum analyser with direct access keys Datalogger (measurements automatic acquisition and storage) for digital and analogue channels SAT IF test (IF distribution network response for satellite band) Attenuation test function (signal distribution network response for terrestrial band) DiSEqC generator and LNB supply Audio and Video recording and playing

