



RF, ASI and IP inputs on modulated signals can be used in parallel to the spectrum analysis and power meter functions, making the system extremely versatile to use.

The **4T2™ Broadcast Multi Probe** allows for mains independent, battery powered operation. The weight of the fully equipped system is below 4.5 kg.

**4T2™ Broadcast Multi Probe** is a custom design to provide a cost effective, compact and robust, highly integrated measurement system for digital broadcasting (DVB-T/-T2) based on the latest generation tablet computer.

The system combines real-time measurements of RF-modulation parameters, with MPEG transport stream analyser functions, power meter, coverage analyser, and spectrum analyser with tracking generator in a single instrument.

The industry-leading **4T2™ Content-Analyser** application is operating the advanced DVB-T/T2 measurement receiver.

**fields of use**

- Field service, Troubleshooting
- Spectrum compliance
- GAP-Filler and filter testing and qualification
- Coverage Analysis
- Quality of service measurements, content verification
- Network performance analysis

**benefits**

- All-in-one-box. No external equipment required
- Very good measurement quality
- Ultra-robust design,
- RF, and Transport Stream analysis on multiple PLP
- Power and Spectrum analysis

**interfaces**

Terrestrial input	BNC (50 Ω) -90 ÷ 0dBm
EN.300.744,	46.5 ÷ 870 MHz
EN 302 755	
DVB-ASI	BNC (75 Ω), max 214 Mbps
EN.50083-9	
IP interface	1000 Mbps

**key characteristics**

- MER (>42 dB), BER, Constellation, Impulse Response, Spectrum
- Level accuracy 1.5 dB
- Service Information decoding
- TR.101.290, PCR analysis, Triggered capture
- H.264, H.265 support

**physical and power**

Width	300 mm
Height	100 mm
Depth	280 mm
Weight	4.5 kg / 9.90 lbs
Power supply	90 .. 260 V, 47.. 63 Hz

**environmental**

Operating temperature	0 ÷ 40°C (32 ÷ 104°F)
Storage temperature	-20 ÷ 50°C (-4 ÷ 122°F)
Humidity	5 ÷ 85 %, non condensing

**additional interfaces**

USB 3.0	USB special functions:
Mini display port, hdmi	Card reader
Common Interface (opt)	GPS receiver, Wheel Sensor

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