



Based on a portable PC platform, the **4T2™ Portable** comes with a high resolution 1440x900 screen (1920x1200 on request) and the latest intel 6-core processing unit.

4T2™ Portable is a compact and robust, highly accurate measurement system for digital broadcasting (DVB-T/T2, DVB-S/S2(x)).

The system combines real-time measurements of RF-modulation parameters, with MPEG transport stream analyser functions in a single instrument.

The industry-leading **4T2™ Content-Analyser** application is operating on **multiple inputs (terrestrial, satellite, ASI, IP) in parallel**, offering the most comprehensive measurement capabilities available in portable instruments to date.

fields of use

- Field service, Troubleshooting
- Quad-channel 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, methodically refined over one decade
- RF, and Transport Stream analysis
- Hardware and software from a single supplier

interfaces

Terrestrial input	BNC (50 Ω) -78 ÷ 0dBm
EN.300.744	46.5 ÷ 870 MHz
Satellite input	F (75 Ω) -60 ÷ -30dBm
EN.302.307	950 ÷ 2150 MHz
DVB-ASI	BNC (75 Ω), max 214 Mbps
EN.50083-9	
IP interface	dual 1000 Mbps

key characteristics

- MER (>42 dB), BER, Single- / Multi- PLP Constellation, Impulse Response, Spectrum
- Level accuracy 1 dB
- Service Information decoding
- TR.101.290
- PCR analysis
- Triggered capture
- Multi-Viewer with 4k UHD, H.265 support

physical and power

Width	420 mm / 16.54 in
Height	280 mm / 11.02 in
Depth	150 mm / 5.90 in
Weight	7.7 kg / 17.00 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

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

Advanced Broadcast Components

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