

VAROS 106

TV analyzer (Combo measuring receiver):
Smaller, lighter, more powerful



VAROS 106

Welcome to the new, digital world—the VAROS 106, with groundbreaking design, easy operation and all available measurement options.

No other device on its clear display makes such a simple and understandable signal evaluation possible or has implemented so many new and innovative measurement methods.

With the integration of some tools, the VAROS 106 supports the local craftsman. It has never been so easy to create a documentation of the measured values for the client and to pass over faultlessly functioning systems.

VAROS 106 Optic

The future of modern measuring receivers: Optical signal transmission is not only low-attenuation and interference-proof, but in

addition to classical measuring techniques also many times over safer and more accurate.

With the VAROS 106 Optic, all measurement parameters are represented by the HF technology in the usual way, optical signals are passed on from a receiver to the HF part of the device. As a result, even a picture control is possible for complete security.

Optical signal transport in SAT systems or CATV networks: The transmission is different but the technical evaluation remains the same. All known measurements can be applied and documented, regardless of whether the feed is made via the optical receiver or the RF input.

The technical data and device-specific downloads can be found on our homepage www.kws-electronic.com.



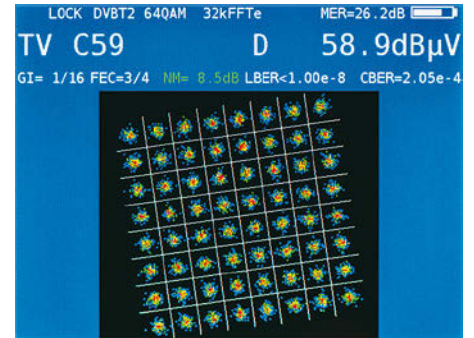
Dimensions in mm: 206 w × 297 h × 84 d
Weight: 2.5 kg

KWS Electronic Test Equipment GmbH

Tattenhausen · Raiffeisenstraße 9 · 83109 Großkarolinenfeld · Germany
Telefon 00 49.(0) 80 67 .90 37-0 · Telefax 00 49.(0) 80 67 .90 37-99
info@kws-electronic.de · www.kws-electronic.com



Measurement of the DAB + transponder 11D with level, MER and channel BER.



Measurement DVB-T2 transponder with display of the constellation diagram and the noise margin.

- High-resolution, bright 5.7" colour TFT
- Frequency range of 5 2,150 MHz for TV/FM, return channel 5–1.214 MHz, for SAT 910–2,150 MHz
- DVB-S, DVB-S2, DVB-C, DVB-T, DVB-T2, DAB+
- Digital: level measurement, BER, MER, noise margin, packet error, NIT evaluation
- Keyboard with switchable backlight
- Analog: Level measurement for return channel, FM and TV
- EMI measurement (interference field strength)
- Spectrum Analyzer for all areas/TILT function
- Constellation diagram for all areas
- Echo measurement for DVB-T/T2 (impulse response)
- DiSEqC, UNICABLE, JESS (EN 50494 and 50607)
- Direct programming function for JESS antenna outlets
- Signal quality monitoring with Datagrabber
- Measurement data storage/screenshots/channel plans directly via USB
- Video/audio output über DVI
- Lithium ion battery pack 7.2V/10.1 Ah

Additionally at VAROS 106 Optic

- Optical receiver with SC/APC input

Accessories

- Protective bag with 4-point carrying strap