

AMA 310

TV analyzer (Combo measuring receiver):
Technology for the professional



The new AMA 310 Basic

Classic measurement technology with unmatched precision and efficiency. No one is easier to operate, no one makes work easier, even with very complex error analyzes. It is fully equipped for all RF measurements and DOCSIS 3.1 measurement modules can be ordered as options.

Standard equipment includes a UHD decoder for displaying ultra-high-resolution image content and an extended CATV frequency range up to 1,214 MHz.

Also the requirement for the documentation of systems, whether tabular series in .xlm format, whether screenshots of errors or records of long-term measurements can be easily met with him.

AMA 310 Complete D3.0

The new AMA 310 Complete D3.0: classic measurement technology in unrivaled Rich equipment and efficiency. No test receiver is easier to use, no one makes working easier, even with very complex error analyzes. It is fully equipped for all RF measurements and DOCSIS 3.1 measurement modules can be ordered as options.

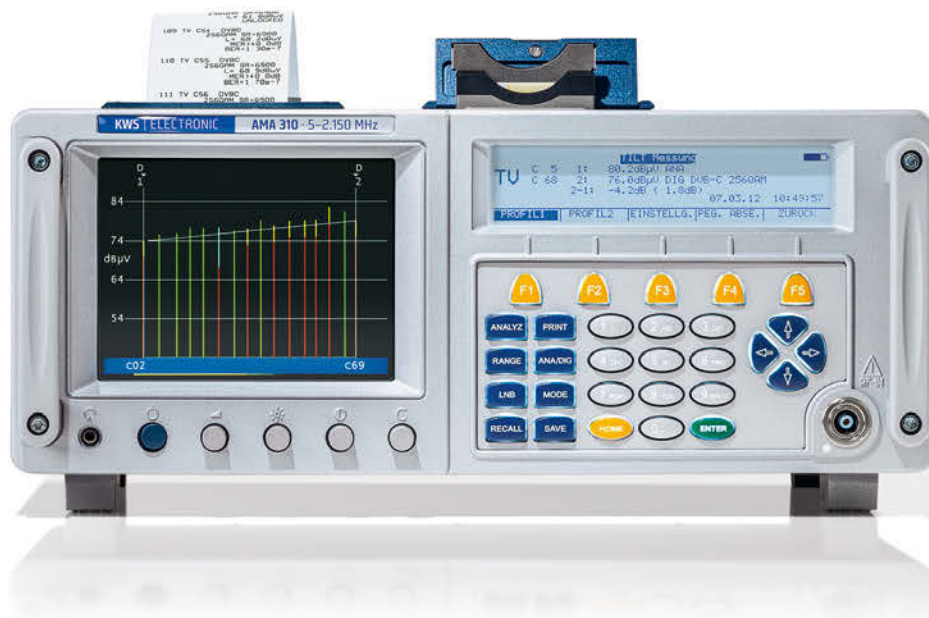
In addition to the identical RF measurement branches, optical signals can also be measured and processed, regardless of whether the device is connected to a SAT system or a CATV network.

Whether with large-scale satellite systems or CATV networks, the optical signal transport is becoming increasingly important: The immense advantage of this technology is that long distances energy-saving and potential-free managed.

The transmission is different, but the procedures remain the same; Do not miss out on familiar procedures—that is the key factor for the AMA 310 Complete D3.0. Everyone who works with this device benefits from a perfect combination of conventional and well-known RF measurements and the added accuracy of error analysis by injecting optical signals.

Great problems often cause the optical connections. Even a slight contamination of plugs or fibers can lead to incorrect measurements. The optical device connection of the AMA 310 is optimally protected against contamination by a mechanical shutter.

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



Dimensions in mm: 360 w × 160 h × 300 d
Weight: 6.1 kg

AMA 310 Basis

- High resolution, bright 5.5" colour TFT
- Frequency range from 5–1,214 MHz
- Digital: DVB-C, DOCSIS 3.0 in the downstream
- Analog: UKW, TV
- DOCSIS Analyzer (DOCSIS 3.0)
- Return channel: level, BER, MER and constellation diagram in conjunction with VAROS 107
- Real-time constellation diagram
- Hum and phase jitter detection
- MER up to 40 dB
- Digital analyzer with TILT measurement, ingress measurement
- Teletext analog/digital, DVB subtitling
- Signal quality monitoring with Datagrabber
- USB, SCART in/out, DVI out, Ethernet (RJ 45)
- Lithium ion battery pack 14.4V/6.6 Ah

Additionally at AMA 310 Complete D3.0

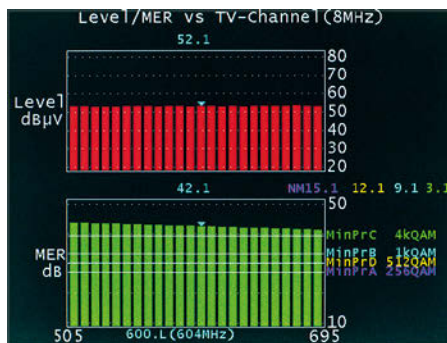
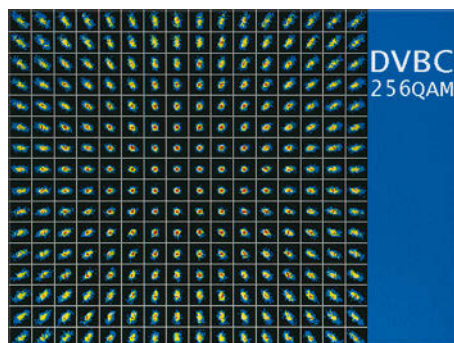
- DVB-S/S2
- DVB-T/T2 and DAB/DAB+
- DOCSIS 3.0/EMI measurement
- Optical receiver with SC/APC input
- Printer

Possible options

- DOCSIS 3.1 bundle/EMI measurement
- DOCSIS 3.1 downstream
- DOCSIS 3.1 modem/EMI measurement

Accessories

- Leather bag with carrying strap



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