

ATOM HD STCOL

NEW

The only **INTEGRATED HD** analyzer: **COAX, OPTIC* & IPTV**

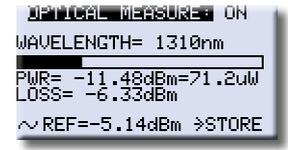
MAIN FEATURES:

- Optical TV & SAT input, 4-3900 MHz with interchangeable FC-ST-SC connectors and automatic calculation of the OPTIC loss, see pages 14-15
- LAN input for IP-TV & DATA measurements
- CATV TUNER extended band 4-1000 MHz
- SAT TUNER extended band 930-2250 MHz
- GSM extended band 860-1000 MHz for telephone repeater installation, see page 24
- Exclusive patented ROVER **AUTODISCOVERY** system: automatically recognises and selects analog TV and digital TV COFDM/QAM signals in both measurement and spectrum mode
- **Detects, measures and SHOWS pictures of MPEG4 HD High Definition programs**
- All worldwide SAT transponders pre-memorized and vision of analog SAT pictures
- Automatic quality analysis: FAIL-MARG-PASS
- Dual display: new TFT LED with high brightness and very high resolution and graphics display with white LEDs
- Rotational encoder & numerical keyboard
- Simultaneous visualization of pictures and the program list, MPEG-2 & 4 HD and AV PID
- Functions: Auto & Manual memory & Data Logger
- **Conditional Access, Common Interface**
- Only 2.5 kg, dim: H 11.5 x L 24,5 x D 18 cm
- 2 to 3 hour battery autonomy
- Supplied with soft bag for transport, mains adapter and 12V vehicle adapter (18V opt)
- Free SW upgradeable online (USB-2 socket)
- Battery test function to regenerate/measure battery levels and calibrate the indicator

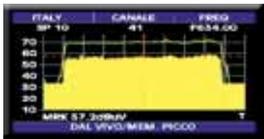


- **DVB-S2 INCLUDED & T2 opt.**
- **FULL MPEG2, 4 HD & SD**
- **ANALOG SAT PICTURE**
- **FAST SPECTRUM with MEMORY**

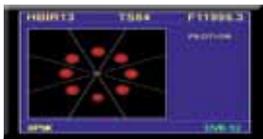
- **LAN IPTV PORT**
- **CONDITIONAL ACCESS**
- **2 DISPLAYS 4.5" + 2.5" 16:9**
- **OPTICAL INPUT SPECT & POWER**



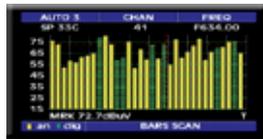
Optical Power Meter with automatic measurement of the loss (optical attenuation)



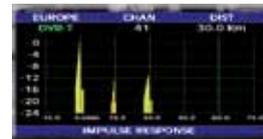
Fast and super-fast spectrum with memory peak. Detects and memorizes all the details for you



Constell. DVB-S2 = 8PSK, T & T2 = COFDM, C = QAM and all the modulation parameters



Bars Scan TV = analog = digital See page 23



Impulse response in real time (ECHO & MICRO ECHO measurement in "SFN" networks) See page 22



All measurements, pictures and settings on one screen

For technical specifications and product cross-reference, see pages 25 and 26.

Mod. ATOM HD STCOL DVB-S & S2 / DVB-T (T2 opt.) & H / DVB-C / J83-B & C / OPTIC* / LAN

COMBINED PROFESSIONAL ANALYZER, 4-2.250 MHz, for SAT QPSK/8PSK, TV COFDM, CATV QAM, OPTIC and LAN IPTV signals

- Pre-memorized SAT transponder navigation in all worldwide satellites and in all the worldwide standard TV channel plans
- Assisted satellite dish pointing, double input (DUAL LNB) and Sat Finder functions
- All DiSEqC commands and SCR with automatic search, USALS motor protocol
- Constellation visualization, MER, PER, LDPC, BCH, aBER, bBER, EVM, ECHOES, Noise Margin & Level/Power meas., Spectrum Analysis
- CABLE MEAS: DOCSIS downstream, INGRESS mode, LEAKAGE mode, BARS SCAN and TILT
- Options: with ATSC 8VSB for USA or GB20600-2006 Single and multicarrier for CHINA
- **Factory HW upgrades: DVB-C2, DVB-C2 (until 31.12.2011)**



Code	Options
* ATO-OPTIC MODULE	OPTICAL module with interchangeable "FC", "ST", "SC" connectors, 4-3900 MHz for Spectrum & Power measurement (only for ATOM HD)
AML-OPT	AM audio demodulator for French standard SECAM "L"
RIGHTS-SMART-1	Authorisation code for the SMART PRO PC management, SW program
DVB-T/T2/C	TV tuner module DVB-T2
VCA-1218N	Vehicle battery charger, Input 11-26 Vdc, output +18Vdc