



## DigiMeter HDS

professional satellite measurement-device for QPSK/8PSK satellite signals from 930-2.250 MHz

EAN	Colour	Item no.
4019588034396	blue	0000/3439

### TOP FEATURES

4,3" 16:10 TFT color-LCD-Display

MPEG-2 & MPEG-4 picture payout

prompt spectrum analysis

diagramm of constellation

more than 40 satellite positions with all their frequencies are pre-programmed

Li-Ion-Akkupack 7,2 V / 4,3 Ah

battery stand-by at 25°C: 3 hours

## FREQUENCY RANGE

Digital & analogue satellite: 930 ... 2.250 MHz

Memory schema: up to 99 plans

Programmes: 199 pograms per plan

## GENERAL CHARACTERISTICS

Input impedance: 75  $\Omega$

Replaceable input jack: F, BNC, IEC

RF input protection: max. 60 VAC

Analogue SAT: 30 ... 125

SAR QPSK: 30 ... 125

Measurement result indication: LEVEL/POWER  
low/high

File Manager: for organisation of pogramm- and  
measuredata storage

ENCODER/dial: Ja

LNB stream measurement: 0 ... 500 mA

Unit of measurement: dB $\mu$ V/dBm (wählbar)

RBW @ -3dB: 4 MHz

Accuracy of measurement: typ. 1,5 dB

Measurement stability dB/°C (-10°C - 50°C): 0,1

AC/DC adapter: 230 VAC / 12 VDC  
(Steckernetzteil)

Voltage supply: 12 VDC (1A)

Battery standby time at 25°C: 3 hours

Low battery alarm: acoustic and symbol at the  
display

Display: 4,3" 16:10 TFT Farb-Display

Automatic power off via timer: 5 min (On/Off)

RF input/output voltage: Off, 13V, 18V, 22kHz  
(0,5A)

Audio: 0,5 W loud speaker (regelbare  
Lautstärke)

Sound/buzzer: for quality or level-indication, to  
choose

Interface: USB 2.0

## MEASUREMENT DVB-S2

QPSK selectable standard: DVB kHz

Symbol rate: 2 ... 45 @ 1KS/s Schritte

FEC (auto. recognition): 1/2, 2/3, 3/4, 4/5, 5/6, 6/7,  
7/8, 8/9

MPEG-2 and MPEG-4 HD: Ja

NET. ID: program list, Video PID, Audio PID,  
Encryption

Noise Margin / Signal Reserve and SNR accuracy of  
measurement: 1 dB

## MEASUREMENT SAT

DiSEqC "a-b-c-d": pre-programmed and easy to use. for control of mostly all LNBS (analogue or DiSEqC, single and dual feed) and Multiswitch (analogue or DiSEqC with 4, 8, 12, 16 inputs and SCR-LNBS).

S.C.R: 1 to 8 user

LNB LO frequency: 0 ... 20.000 MHz durchgehend

Reception range: 930 ... 2.250 MHz

SPAN: 50 - 100 - 200 - 500 - Full (Total)

db / div: 5

Dynamic range display: > 30 dB

MRK measurement illustration: 0,1 dB

Filter measurement bandwidth: 4 MHz @ -3 dB

Reference level: 0 ... 130

Other configurable spectrum parameters / functions: MAX HOLD (peak memory) / freeze MAX Value, SAT POINTING ideal Parameter-settings for the orientation of an SAT-antenna

## POWER SUPPLY

Rechargeable battery: Li-Ion 7,2 V / 4,3 Ah

Battery life: 3 Std. @ 25°C

Battery charging time: 2 h to reach 50% capacity

Nominal voltage: 110 ... 240 V

Frequency: 50 ... 60 Hz

Mains adapter: external (Steckernetzteil)

## SCOPE OF DELIVERY

DigiMeter HDS, Bag with carrying strap, Charger/power supply, 12V-charging cable, USB-cable, replacement test jack, IEC-adapter