



DIGIMETER 9

EAN	Colour	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
4019588034297	blau	0000/3429	2,79 kg	1,26 kg	27 x 15,5 x 4,5 cm	51 x 27 x 8,8 cm

TOP FEATURES

DVB-S2, DVB-T2, DVB-C, DAB+, UKW, AMTV

7" 16:9 TFT color-LCD-Display

TFT-Farb-Touchdisplay (9 Zoll, 16:9)

Echtzeitspektrum, Frequenzbereich von 4 bis 2.600 MHz

MPEG-2 & MPEG-4 picture ployout

SAT Expert-Funktion

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

Konstellationsdiagramm

Lithium ion battery 7,4 V / 4.3 Ah

Lithium-Ionen-Akkupack (7,4 V / 4,3 Ah)

AMBIENT OPERATING CONDITIONS

Ambient temperature : -10 ... 50 °C

Humidity : 10 ... 90 %

DISPLAY

Type : TFT-Farb-Touchdisplay (9", 16:9)

FREQUENCY RANGE

TV digital & analogue - Radio FM : 4 ... 930 MHz

Digital & analogue satellite : 930 ... 2.600 MHz

Memory schema : bis zu 99 Pläne

Programmes : 199 Programme je Plan

GENERAL CHARACTERISTICS

Input impedance : 75 Ω

Replaceable input jack : F, IEC, BNC

RF input protection : max. 60 V AC

RF level : 30 ... 125 dBμV

Measurement result indication : PEGEL/POWER niedrig/hoch

File Manager : zur Organisation des Programm- und Messdatenspeichers

ENCODER/dial : Ja

LNB stream measurement : 0 ... 500 mA

Measurements display / classification : 0,1 dB (Pegel und Power)

Unit of measurement : dBμV/dBm (wählbar)
RBW @ -3dB : 100 kHz (FM), 130 kHz (TV), 4 MHz (SAT)

Accuracy of measurement : typ. 1,5 dB SAT; 1 dB TV

Measurement stability dB/°C (-10°C - 50°C) : 0,03 (TV); 0,1 (SAT)

Automatic power off via timer : 5 min (Ein/Aus)

Voltage supply : DC 12 V / 3A

Audio : Lautsprecher (0,5 W) (regelbare Lautstärke)

Sound/buzzer : für Qualität oder Pegel-Indikation (wählbar)

Interface : USB 2.0

Audio/Video input/output : HDMI-Ausgang

Low battery alarm : Akustisch und über Symbol im Display

MEASUREMENT DVB-S2

MPEG-2 and MPEG-4 HD : Ja

NET. ID : ONID, NID, NIT, TSID, PMT, LCN, VPid, APid, orbit position

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

MEASUREMENT DVB-T	MEASUREMENT SAT	MEASUREMENT TV ANALOG
Offset frequency : 166 kHz	Satellite spectrum analysis : DVB-S, DVB-S2	Multi standard : PAL(M-N-B-G-I-D-K), NTSC M, SECAM L
MER and BER measurement tolerances : 1 dB typ. (2 dB Max.)	Reception range : 930 ... 2.600 MHz	Frequency range : 44 ... 870 MHz
MER measurement : ≤ 38 dB	DiSEqC "a-b-c-d" : vorprogrammiert und einfach zu nutzen. Zur Ansteuerung aller LNBs (Single- und Dual-Feed) und Multischalter	RF level measurement range : 5 ... 125
BER : bBER bis zu 1x10E-5; aBER bis zu 2x10E-8	RF voltage : 5 - 13 - 18 - 24 V	Measurements display : 0,1 dB
Automatic recognition and display : Constellation, Guard Interval, FEC	S.C.R : EN 50494 & EN 50607	A/V (audio/video) ratio accuracy : 1,5 dB Typ.
Constellation : COFDM / QPSK, 16-QAM, 64-QAM, 256-QAM	LNB LO frequency : 0 ... 20.000 MHz	MEASUREMENT TV TERRESTRIAL
Guard interval : 1/4, 19/128, 1/8, 19/256, 1/16, 1/32, 1/128	SPAN : 10, 20, 50, 100, 200, 500, FULL SAT, Satexpert	TV spectrum analyser : DVB-S2, DVB-T2, DVB-C, AMTV, UKW, DAB+
FEC : 1/2, 2/3, 3/4, 5/6, 7/8	Filter measurement bandwidth : 1 MHz und 5 MHz @ -3 dB	Frequency range : 4 ... 930 MHz
Spectrum inverted : automatisch	db / div : 1, 2, 5, 10	Reception range : 4 ... 65 MHz
Automatic quality analysis : FAIL - MARGIN - PASS	Reference level : 0 ... 130	SPAN TV band (spread) : 1, 2, 5, 7, 10, 20, 50, 100, 200, 500, FULL, VHF, UHF, 4/66
Noise Margin / Signal Reserve and SNR accuracy of measurement : 1 dB	Other configurable spectrum parameters / functions : MAX HOLD (peak memory) / freeze MAX Value, SAT POINTING ideal Parameter-settings for the orientation of an SAT-antenna	db / div : 5, 10
	MRK measurement illustration : 0,1 dB	Dynamic range : 60 dB
	Dynamic range display : > 30 dB	Measurements display : 0,1 dB
	Noise Margin / Signal Reserve and SNR accuracy of measurement : 1 dB	Filter measurement bandwidth : TV 130 @ -3 dB
	Symbol rate : 2 ... 45	Reference level : 0 ... 130
		Automatic power / level position marker : für Digital-Signale im Zentrum des Trägers; für analoge Signale auf dem Video-Träger
		Other configurable spectrum parameters / functions : MAX HOLD (max. Wert einfrieren)
		INGRESS spectrum : 4 ... 66 MHz
		Leakage / interference radiation measurement : Antenne und Entfernungsparameter einstellbar
		MEASURING DVB-C
		Demodulated QAM signals : DVB-C (Annex A, B, C), Downstream DOCSIS
		Symbol rate : 2.000 ... 9.000
		Constellation diagram display : 16-, 32-, 64-, 128-, 256-QAM
		MER measurement : 64-QAM > 36dB; 128-QAM > 38dB; 256-QAM > 40dB
		BER measurement : bis zu 1 x 10E-9
		Spectrum inverted : automatisch
		Multiplex flatness : 0,7 dB typ.
		Automatic quality analysis : FAIL - MARGIN - PASS
		Noise Margin / Signal Reserve and SNR accuracy of measurement : 1 dB
		C/N measurement tolerance : 60 dB im Spectrum typ.
		POWER SUPPLY
		Nominal voltage : AC 110 ... 240 V
		Frequency : 50 ... 60 Hz
		Mains adapter : extern (Steckernetzteil)
		Rechargeable battery : Li-Ion 7,4 V / 4,3 Ah
		Battery life : bis zu 3 Std. @ 25°C
		Battery charging time : 2 Std. (um 50 % Kapazität zu erreichen)