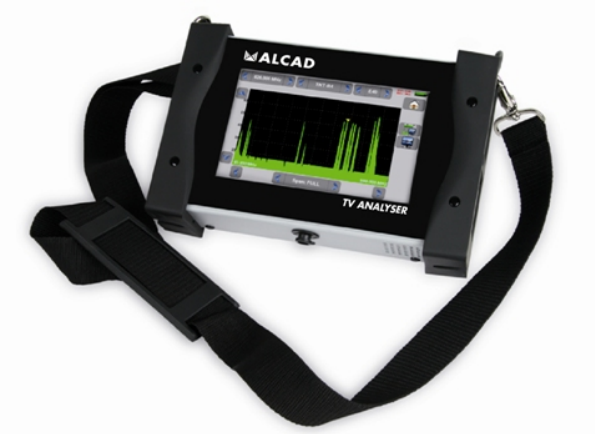
918 MEASUREMENT EQUIPMENT

FIELD STRENGTH METER DVB-T2/S2/C2 HD TS



Code : **9180011**

Model : **FSM-620**

Description

Field strength meter for satellite, terrestrial and cable TV. ALCAD's FSM field strength meters are equipped with a graphic interface which is particularly user-friendly thanks to its specific designed software for tactile screen.

Applications

Measurement and analysis of terrestrial, satellite and cable TV installations, providing the necessary measurements for digital DVB-T/H, DVB-T2, DVB-S, DVB-S2, DVB-C and DVB-C2 signals, as well as analogue measurement in PAL, SECAM and NTSC. Graphic interface showing measurements and satellite dish pointing. Superfast spectrum analysis. Viewing of TV programmes in HD (MPEG-4 H.264). Allows channels to be loaded via its Ethernet and USB ports and saved.

Characteristics

7" LCD TFT panoramic colour touchscreen. Battery with autonomy of 2 hours. Its size and weight make it easy to handle, also includes a bag for transport.

CODE		9180011			
MODEL		FSM-620			
RF input					
Terrestrial frequency range	MHz	5-900			
Satellite frequency range	MHz	900-2200			
Resolution	KHz	Terrestrial 50 KHz sampling 1 KHz Satellite 1 KHz sampling 1 KHz			
Tuning mode		Channel / Frequency			
Search mode		Manual / Automatic			
Standards		B, G, D, K, I, L, M, N, FM, PAL, SECAM, NTSC, DVB-T/H, DVB-T2, DVB-C , DVB-C2, DVB-S, DVB-S2, DSS			
Impedance	Ω	75			
Connection		F male with F-F adapter			
Remote supply	V⎓	5	13	18	24
	mA	500	500	500	300
LNB supply		13-18V /0-22Khz /DisEqC 1.2			
Dynamic level range	dBµV	20..120 (terrestrial) - 30..110 (sat)			
Analog measurements					
Terrestrial band		Signal level, Carrier to noise (C/N), video/audio ratio			
Satellite band		Signal level, C/N			
Digital measurements					
DVB-T/H		Signal level, C/N, MER, VBER, CBER, UNC, echoes analyzer and constellation			
DVB-T2		Signal level, C/N, MER, LDPC, BCH, FER, echoes analyzer and constellation			
DVB-S		Signal level, C/N, MER, VBER, CBER, UNC and constellation diagram			
DVB-S2		Signal level, C/N, MER, LDPC, BCH, PER and constellation			
DVB-C/C2		Signal level, C/N, MER, LDPC, BCH, UNC, NM, FER and constellation			

CODE		9180011
MODEL		FSM-620
Spectrum		
Fast analysis mode	ms	350
Span	MHz	5.. full
Display graphics		60 dB (10dB/div)
Attenuation		0..55dB automatic
Display		
Display type		16/9 TFT LCD 7" tactile
Resolution		800x480
Digital mode		SD (MPEG-2), HD (MPEG-4)
Audio		MPEG-1, MPEG-2, Dolby® Digital, Dolby® Digital Plus
Other specifications		
Keyboards and cursor		Capacitive touch screen
Ports		LAN RJ-45, USB
Data storage		Non volatile memory, USB pendrive
General features		
Power supply		100/240Vac -15V- 1A Adapter
Battery		Li-ion 25W
Autonomy		2H typ.
Charging time		1 hour 15min 80% capacity
Operatin temperature range	°C	-5.. 45
Units per packing		1
Packing weight	Kg	2,4
Packing dimensions	mm	363 x 240 x 137