NOVKER

Basic Instrument Ser

Modular Test Equipment

NK4300 Technical specifications

NK4300-T(live test)

Your Test Expert

OTDR									
Model	F1(live test)	F2(live test)	F3(live test)	F4(live test)	D1	D2	T1		
Туре		G.652 SM							
Wavelength	1550nm±20nm	1610±20nm	1625nm±20nm	1650nm±20nm	1310/1550nm±20nm	1310/1550nm±20nm	1310/1550/1625nm±20nm		
Dynamic Ran	ge 24dB	24dB	24dB	24dB	26/24dB	30/28dB	26/24/24dB		
Event Blind Zone 1.5m									
ATT Blind Zone 8m									
Test Range 0.1km/0.3km/0.5km/1.25km/2.5km/5km/10km/20km/40km/80km/125km/260km									
Pulse Width	ulse Width 3ns/5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/1us/2us/3us/5us/8us/10us/20us								
Ranging Accura	су	\pm (1m+Sample interval+0.005%×Test distance)							
Linearity		≤0.05dB/dB							
Max Sample Po	x Sample Points ≥160k								
Sample Resolut	olution 0.03m~16m								
Loss Resolution	on	0.001dB							
Loss Threshol	reshold 0.20dB								
Range Resolution 0.001m									
Refractive Ind	ex			1.00000	~2.00000				
File Format				SOR Standa	ard File Format				
Loss Analysis	;	4-point method /5-point method							
Connector		FC/UPC (Interchangeable SC、ST)							
Refresh Rate				3Hz	(Тур.)				
ОРМ		LS			Others				
Wave Range	800nm~17	00nm	Wavelengtl	n Consist	ent with OTDR	5 *	hes 800×480 IPS TFT - LCD		
Calibration Wave	850/1270/1300/1310/	/1490/1550/	Power	>	5dBm	DISDIAV	ouch capacitive touch screen		

	ОРМ				
Wave Range	800nm~1700nm				
Calibration Wave	850/1270/1300/1310/1490/1550/ 1557/1625/1650nm				
Test Range ^{-70~+60}	IBm(Optional)/-50~+26dBm(Standard)/ -40~+26dBm(XGPON)				
Resolution	0.01dB				
Uncertainty	±5%				
Frequency Identification	CW/270/330/1k/2kHz				
Connector	Universal FC/SC/ST				
	VFL				
Wavelength	650nm±20nm				
Output Power	≥10mW				
Mode	CW/1Hz/2Hz				
Connector	FC/UPC (Interchangeable SC、ST)				

LS		Others			
Consistent with OTDR		Dienlay	4.3 inches 800×480 IPS TFT - LCD		
≥	-5dBm	m Display		Multi touch capacitive touch screen	
±0.5dB/15min (Af	ter15min of preheating)	Dawar Summly	AC/DCadapter:input:100V~240V, 50/60Hz, 0.6A output:5V, 2A, Lithium battery:3.7V, ≥5000mAh		
Consistent with	n the OTDR interface	Power Supply			
CW/270Hz/33	30Hz/1kHz/2kHz	Data Storage		8GB, ≥200,000 curves	
ptical Loss	Test	Data Interface		USB Type C	
Consiste	ent with LS	Working Tem	perature	-10°C∼+50°C	
Su	pport	Storage Temperature		-40°C∼+70°C	
45 Cable Tra	acking	Relative Humidity		0∼95% Non Condensing	
	Digital tracking	Weight		≤0.6kg (Battery included	
	≤300m	Size	1	l89mm×115mm×43mm	
ir Tracking	Support				
J45 Cable Le	ength				
	Consist ±0.5dB/15min (Af Consistent with CW/270Hz/33 Pitical Loss Consistent Su 45 Cable Tra ir Tracking	Consistent with OTDR	Consistent with OTDR	Consistent with OTDR ≥-5dBm ±0.5dB/15min (After15min of preheating) Consistent with the OTDR interface CW/270Hz/330Hz/1kHz/2kHz ptical Loss Test Consistent with LS Support Support 4.3 inches Multi touch AC/DCadapter: output: 5V, 2A Data Storage Data Interface Working Temperature Storage Temperature Relative Humidity Weight ≤300m Size Display AC/DCadapter: output: 5V, 2A Working Temperature Storage Temperature Relative Humidity Weight Size Display AC/DCadapter: output: 5V, 2A Working Temperature Storage Temperature Relative Humidity	

Standard configuration: OTDR, Event Map, OPM, LS, VFL, Insertion loss test, Flashlight, RJ45 Cable Tracking (Standard digital line finder), RJ45 Cable Sequence, RJ45 Cable Length, Microscope(Optional),

Note: NK4300-F1 can test fiber with 1490/1550nm signal (power ≤0dBm) NK4300-F2 can test fiber with 1310/1490/1577nm signal (power ≤+5dBm) NK4300-T can test fiber with 1310/1490/1550nm signal (power ≤0dBm)

Test Distance



Host(Battery included), Adapter, Data Line, 8G TF card(built-in OTDR, Analysis software/User's Manual), User's Manual, SC adapter, Cable Tracker&Remote end, Qualification Certificate/ Service Guarantee Card, Calibration Certificate, Cleaning cotton swabs, Instrument Backpack

≤300m

NK4300 Mini Pro OTDR

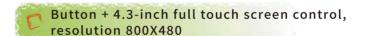
Product overview

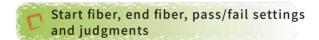


NK4300 series OTDR adopts 4.3-inch capacitive touch screen. Integration OTDR, event map, OPM, RJ45 cable tracker. OTDR has a maximum dynamic range of 30dB, 8G memory, and can store more than 200,000 curves; it is equipped with high-density polymer lithium battery, intelligent power saving management, measuring time of more than 8 hours, and supporting power supply and charging of the power bank. The whole machine is matched with powerful internal analysis software, which can provide accurate data services for terminal testers.

NK4300 series are used to measure the length, loss, connection quality and other parameters of optical fiber. It is widely used in FTTX, secondary backbone network engineering construction, maintenance and emergency repair test, and production measurement of optical fiber and cable.

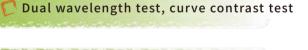
Product features



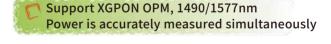


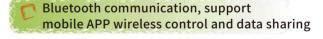
Single multimode integration and three-wave OTDR expansion





Event blind area ≤1.5m, maximum





RJ45 cable track and sequence

dynamic range ≥30dB



Multi-touch Support gesture zoom in and out curve



Microscope **HD** imaging



Insertion loss test



File management Computer level management



12h standby Ultra wide operating temperature