

UNI-T

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Introducing the new UNI-T X-family of oscilloscopes

The 9-in-1 workhorse for your bench

	MSO2000X	MSO3000X	MSO7000X
Nine Instruments in One	Oscilloscope, Logic Analyzer*, Waveform Generator*, Spectrum Analyzer, Voltmeter, Frequency Counter, Bode Plot Analyzer*, Protocol Analyzer, Power Analyzer*	Oscilloscope, Logic Analyzer*, Waveform Generator*, Spectrum Analyzer, Voltmeter, Frequency Counter, Bode Plot Analyzer*, Protocol Analyzer, Power Analyzer*	Oscilloscope, Logic Analyzer*, Waveform Generator*, Jitter Analyzer*, Spectrum Analyzer, Voltmeter, Frequency Counter, Protocol Analyzer, Power Analyzer*
* Optional			
Bandwidth	100MHz/200MHz/300MHz	350MHz/500MHz	1GHz/2GHz
Analog Channels	4	4	4
Sample Rate	5GSa/s	5GSa/s	10GSa/s
Max Memory	100Mpts	500Mpts	1Gpts
Waveform Rate	500,000wfms/s (instant) 2,000,000wfms/s (seq)	800,000wfms/s (instant) 2,000,000wfms/s (seq)	800,000wfms/s (instant) 2,000,000wfms/s (seq)
Digital Channels	16ch	16ch	16ch
Protocol Decodes	9	12	11
Signal Source	Dual 50MHz, 250MSa/s, 16-bit	Dual 50MHz, 250MSa/s, 16-bit	Dual 60MHz, 625MSa/s, 16-bit
Price Range	\$1,499-\$2,199	\$2,699-\$3,599	\$12,999-\$15,999

Waveform Generators



Series	Channels	Sampling Rate	Vertical Res	Arb Memory	MAX Frequency (MHz)												
					600	500	350	200	160	120	80	60	40	30	25	20	
UTG9000T	4	2.5GSa/s	16bits	64Mpts	●	●	●										
UTG4000A	2	500MSa/s	16bits	32Mpts				●	●	●	●						
UTG2000X	2	1.25GSa/s	16bits	64Mpts						●	●	●					
UTG2000A/B	2	1.28GSa/s	16bits	16Mpts						●	●	●			●		
UTG1000X	2	200MSa/s	16bits	4kpts									●				●
UTG900E	2	200MSa/s	14bits	4kpts								●		●			

DC Power Supplies



Series	Type	Channels	Max Output Voltage	Max Output Current	Max Power	Max Resolution	Interfaces
UDP4303S	Linear	4	0–32V	0–3A	297W	1mV/1uA	USB, RS-232, LAN, Digital I/O
UDP3000/S	Linear	3/4	0–32V	0–5A	348W	10mV/1mA	USB, RS-232, LAN, Digital I/O
UDP1000	Linear	1	0–32V	0–6A	192W	10mV/1mA	USB, RS-232
UDP6900	Switching	1	0–150V	0–25A	600W	1mV/0.1mA	USB, RS-232/RS-485, LAN
UDP6700	Switching	1	0–80V	0–30A	360W	10mV/1mA	RS-232, Remote Compensation

Spectrum Analyzers



Series	Frequency Range	DANL	Frequency Resolution	RBW	Phase Noise	Sweep Points	Tracking Source
UTS5000A	9kHz–26.5GHz	< -163dBm	1Hz	1Hz–3MHz (10 % steps), 4, 5, 6, & 8 MHz	< -107 dBc/Hz (Typical value)@10kHz	100,001	No
UTS3000A	9kHz–8.4GHz	< -165dBm	1Hz	1Hz–10MHz	< -100 dBc/Hz (Typical value)@10kHz	40,001	Yes
UTS3000B/T	9kHz–8.4GHz	< -161dBm	1Hz	1Hz–3MHz	< -98 dBc/Hz (Typical value)@10kHz	40,001	Optional/T-Models
UTS1000B/T	9kHz–3.2GHz	< -161dBm	1Hz	1Hz–1MHz	< -98 dBc/Hz (Typical value)@10kHz	10,001	T-Models

Benchtop Meters



Type	Series	Features
Digital Multimeters	UT8800E	Count Ranges: 3½–6½; Counts: 59,999–1,999,999; Accuracy: 0.1%–0.0035%; Readings: 3 rdgs/s–10k rdgs/s
AC/DC Power Meters	UTE310	Voltage Ranges (CF=3): 75mv–1000V; Current Ranges: 25µA–50A, Frequency Range: 0.1Hz–300kHz; Max Res: 0.001mW