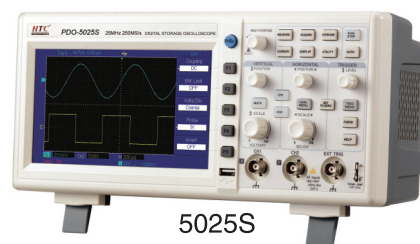
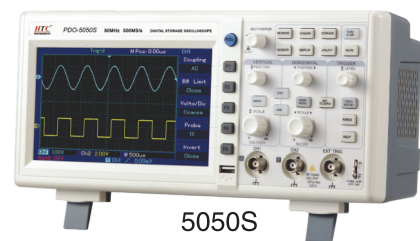


PDO-5025S/5050S/5070S/50100S/50200S

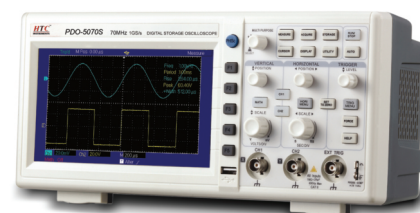
	Model	Band width	Real-time
PDO-5000 Series	PDO-5025S	25MHz	250MS/s
	PDO-5050S	50MHz	1GS/s
	PDO-5070S	70MHz	1GS/s
	PDO-50100S	100MHz	1GS/s
	PDO-50200S	200MHz	1GS/s
Trigger			
Trigger sensitivity	≤1div		
Trigger level scope	Internal	±5div away from screen center	
	EXT	±3V	
	EXT/5*	±15V	
(Typical) precision of trigger level for signal of which Rise	Internal	±(0.3div V/div) (within scope of ±4div ± from screen center)	
Time or Descend Time is	EXT	±(6% of set value+40mV)	
not less than 20ns	EXT/5*	±(6% of set value+200mV)	
Pre-trigger ability	Normal mode/scanning mode, pre-trigger/delay trigger with adjustable pre-trigger depth		
Inhibition scope	PDO-50200S: 100ns-1.5s PDO-5025S/5050S/5070S/50100S : 80ns-1.5s		
(Typical) level set to 50%	Operation if frequency of input signal is not less than 50Hz		
Edge trigger			
Edge type	Ascend, descend, ascend & descend		
Pulse width trigger			
Trigger mode	To be more than, less than or equivalent to positive/negative pulse width		
Pulse width scope	20ns-10s		
Measurement			
Cursor	Manual mode	Voltage difference (V) between cursors; Time difference (T) between cursors; Reciprocal of ΔT (1/ Δ)	
	Tracing mode	Voltage and time of waveform point It is allowed to display cursor during automatic measurement	
Automatic measurement	Peak value, amplitude, the maximum value, the minimum value, top value, bottom value, middle value, average value, root-mean-square, overshoot, preshoot, frequency, cycle RiseTime, Descend Time, positive pulse width, negative pulse width, positive duty cycle negative duty cycle and delay		
Mathematical operation	+, -, x, %		
Stored waveform	PDO-50200S/PDO-5025S/5050S/5070S/50100S: 20 groups of waveform and 20 kinds of setup		
FFT	Window	Hanning, Hamming, Blackman, Rectangle	
	Sampling point	1024 points	
Lissajous's figure	Phase location difference	±3 degrees	
Trigger Frequency Meter*			
Reading resolution	6-bit		
Trigger sensitivity	<30Vrms		
(Typical) precision	±51ppm (+1 word)		
Power			
Power Voltage	100-240VACRMS, 45-440Hz, CAT II		
Power consumption	To be less than 30VA		
Fuse	F1.6AL 250V; Fuses are on power board in the unit		
Dimension	Width	320mm	
	Height	150mm	
	Depth	130mm	
Weight	Not containing package	2.5kg	
	Containing package	4.0kg	



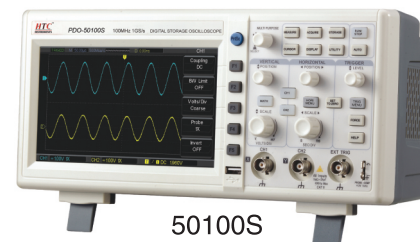
5025S



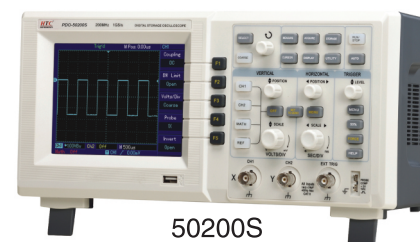
5050S



5070S



50100S



50200S

