

PC-BASED OSCILLOSCOPE COMPARISON CHART

Model	Bandwidth	Sampling rate	Channels	Buffer size	Resolution	Voltage ranges	Timebase ranges	PC connection
PICO ADC-40	10 kHz	20 kS/s	1	-	8 bit	5V	500µs/div~ 50s/div	Parallel port
PICO ADC-42	7,5 kHz	15 kS/s	1	-	12 bit	5V	500µs/div~ 50s/div	Parallel port
PICO ADC-100	50 kHz	100 kS/s	2	-	12 bit	50mV~20V	100µs/div~ 50s/div	Parallel port
PICO ADC-200/20	10 MHz	20 MS/s	2 + ext. trigger	8kS	8 bit	50mV~20V	100µs/div~ 50s/div	Parallel port
PICO ADC-200/50	25 MHz	50 MS/s	2 + ext. trigger	16kS	8 bit	50mV~20V	100µs/div~ 50s/div	Parallel port
PICO ADC-200/100	50 MHz	100 MS/s	2 + ext. trigger	32kS	8 bit	50mV~20V	100µs/div~ 50s/div	Parallel port
PICO ADC-212 / 3	1,5 MHz	3 MS/s	2 + ext. trigger	32kS	12 bit	20mV~20V	20µs/div~ 50s/div	Parallel port
PICO ADC-212 / 50	25 MHz	50 MS/s	2 + ext. trigger	128kS	12 bit	20mV~20V	20µs/div~ 50s/div	Parallel port
PICO ADC-212 / 100	50 MHz	100 MS/s	2 + ext. trigger	128kS	12 bit	20mV~20V	20µs/div~ 50s/div	Parallel port
PICO ADC-216	166 kHz	333 kS/s	2 + ext. trigger	32kS	16 bit	20mV~20V	20µs/div~ 50s/div	Parallel port
PICO 2202	2 MHz	10-20 MS/s	2	32kS				
PICO 3423	10 MHz	5-20 MS/s	4	512kS	12 bit	20mV~50V	100µs/div~ 50s/div	USB
PICO-3204	50 MHz	50 MS/s	2 + ext. trigger	256kS	8 bit	10mV~20V	5ns/div~ 50s/div	USB
PICO-3205	100 MHz	100 MS/s	2 + ext. trigger	512kS	8 bit	10mV~20V	2ns/div~ 50s/div	USB
PICO-3206	200 MHz	100 MS/s /csatorna	2 + ext. trigger	1024kS	8 bit	10mV~20V	1ns/div~ 50s/div	USB
Velleman PCS-500	50 MHz	100 MS/s	2 + ext. trigger		8 bit	5mV~15V	20ns/div~ 100ms/div	Parallel port