

Company / Model	BK Precision / 5335B	Yokogawa / WT310E	Tektronix / PA1000	R&S / HMC8015	R&S / HMC8015
					
Channels	1	1	1	1	1
List price	2 595 €	≈ 2 300 €	3 170 €	1 650 €	1 750 €
Configured with THD, LAN, and external sensor input or with option	2 595 €	≈ 3 350 €	3 170 €	2 844 €	2 944 €
Basic Power Measurement Accuracy (50/60 Hz)	0,1%	0.1%	0,04%	0,05%	0,05%
Input bandwidth	DC, 0.1 Hz to 100 kHz	DC, 0.1 Hz - 100 kHz	DC, 10 Hz - 1 MHz	DC, 0.1 Hz - 100 kHz	DC, 0.1 Hz - 100 kHz
Harmonic order	50	50	50	50	50
Maximum number of displayed measurements	12	4	14	26	26
Direct input current ranges	12 Ranges (5 mA to 20 A)	12 Ranges (5 mA to 20 A)	20 Ranges (20 µA to 20 A)	12 Ranges (5mA to 20A)	12 Ranges (5mA to 20A)
External current sensor input	✓	Optional (≈ 150 €)	✓	Opt HOC/HVC152	Opt HOC/HVC152
Maximum AC voltage range	600 Vrms	300 Vrms	600 Vrms	600Vrms	600Vrms
Harmonic measurement	✓	with G5 option (≈ 400 €)	✓	Opt HOC/HVC151	Opt HOC/HVC151
Harmonic bar charts	✓	✗	✓	Opt HOC/HVC151	Opt HOC/HVC151
Waveform display	✓	✗	✓	Opt HOC/HVC151	Opt HOC/HVC151
EN61000-3-2 standard	✓	✓	✓	Opt HOC/HVC153	Opt HOC/HVC153
Display type	Large full color TFT	4 x 7 Segment numerical LED	Large full color TFT	Large full color TFT	Large full color TFT
Parameters	Volts rms, Volts Peak, Volts DC, Amps rms, Amps peak, Amps DC, Ampere Harmonics, Watt, Watt Peak, Real Power, Reactive Power, Watt Harmonic, Watt Ampere Hour, Watt Hour, Real Power, Reactive Power, Voltage Crest Factor, Current Crest Factor, Frequency, Total Harmonic Distortion, Distortion Factor, Phase, Integration Time	Volts rms, Volts Peak, Volts DC, Amps rms, Amps peak, Amps DC, Ampere Harmonics, Watt, Watt Peak, Real Power, Reactive Power, Power Factor, Watt Harmonic, Watt Ampere Hour, Voltage Crest Factor, Current Crest Factor, Frequency, With additional G5 option: Total Harmonic Distortion, Distortion Factor, Integration Time, Phase	Volts rms, Volts Peak, Volts DC, Amps rms, Amps peak, Amps DC, Amper Harmonics, Watt, Watt Peak, Real Power, Reactive Power, Power Factor, Watt Harmonic, Watt Ampere Hour, Voltage Crest Factor, Current Crest Factor, Frequency, Total Harmonic Distortion, Distortion Factor, Phase, Impedance, Resistance, Reactance, Integration Time, VAR Hours	Active power, Apparent power, Reactive power power facto, Phae, Frequency, URMS, UAVG, IRMS, IAVG, UTHD, ITHD, WHM, WHP, WH, AHM, AHP, AH, Energy counter With HVC151 option : UPPeak, UMPeak, IPPeak, IMPeak, PPeak, PMPeak, Harmonics, Inrush	Active power, Apparent power, Reactive power power facto, Phae, Frequency, URMS, UAVG, IRMS, IAVG, UTHD, ITHD, WHM, WHP, WH, AHM, AHP, AH, Energy counter With HVC151 option : UPPeak, UMPeak, IPPeak, IMPeak, PPeak, PMPeak, Harmonics, Inrush
Interface	USB, LAN, GPIB, RS232	USB, GPIB or RS232 LAN (optional ≈ 500 €)	USB, LAN, GPIB	USB, LAN,	USB, LAN, GPIB

HVC151 : 398 €	HVC151 : 398 €
HVC152 : 398 €	HVC152 : 398 €
HVC153 : 398 €	HVC153 : 398 €