TECHNICAL SPECIFICATIONS		HD2010UC	HD2010UC/A	HD2110L
Applications	Noise at work	SNR, HML	OBM, SNR, HML	OBM, SNR, HML
	overall levels measurement	√	√	√
Environmental Noise	road traffic noise	√*	√	√
	rail and airport traffic noise	√*	√	√
	automatic detection of impulsive components	√*	√	√
	automatic detection of tonal components	-	-	√*
	Building Acoustic		√	√
Technical Specifications	Standards	IEC 61672	IEC 61672 - IEC 61260	IEC 61672 - IEC 61260
	Accuracy	Class 1 (HD2010UC.k1) Class 2 (HD2010UC.k2)	Class 1 (HD2010UC/A.k1) Class 2 (HD2010UC/A.k2)	Class 1
	Microphone	1/2", 22.5 mV/Pa, free field, 0V	1/2", 22.5 mV/Pa, free field, 0V	1/2", 50mV/Pa, free field, 0V, WS2F
	Dynamic Range	30-143 dB Peak	30-143 dB Peak	23-140 dB Peak
	Linearity Range	80dB	80dB	110dB
	Acoustic Parameters	L_p, L^{eq}, L_{leq}, SEL, L_{EP}, d, L_{max}, L_{min}, L_{pk}, Dose, L_n	L_p, L^{eq}, L_{leq}, SEL, L_{EP}, d, L_{max}, L_{min}, L_{pk}, Dose, L_n	L_p, L^{eq}, L_{leq}, SEL, L_{EP}, d, L_{max}, L_{min}, L_{pk}, Dose, L_n
	Frequency Weighting	Simultaneous A, C, Z (Z and C for Lpk)	Simultaneous A, C, Z (Z and C for Lpk)	Simultaneous A, C, Z (Z and C for Lpk)
	Temporal Weighting	Simultaneous Fast, Slow, Impulse	Simultaneous Fast, Slow, Impulse	Simultaneous Fast, Slow, Impulse
	Spectrum Analysis		1/1 oct, 1/3 oct *	1/1 oct, 1/3 oct (doppio banco), FFT *
	Statistical Analysis	LN, levels distribution, cumulative distribution*	LN, levels distribution, cumulative distribution*	LN, levels distribution, cumulative distribution*
	Reverberation Time (RT60)		option	option
	Memory	from 4MB to 2GB *	from 4MB to 2GB *	from 8MB to 2GB *
Firmware options and software applications	Datalogging	√ (option)	√	√
	1/1 octave		√	√
	1/3 octave		√ (option)	√ (option)
	FFT			√ (option)
	RT60		√ (option)	√ (option)
	ISO 17025 Calibration Certificate	√ (option)	√ (option)	√
	Software	Noise Studio	Noise Studio	Noise Studio
	Workers Protection Module	NS1	NS1	NS1
	Building Acoustic Module		NS3	NS3
	Environmental Noise Module	NS5, NS2A	NS5, NS2A	NS5, NS2A

* Specific options may be required - contact our sales department for more information.