

ULTRASONAR

US100	Technical Properties	
Physical Properties	Dimension	105mm High, 288mm Wide, 163mm Deep
	Weight	2 Kg
	Connector Type	2xSMA, USB, 220V
	Power Consumption	2.5Watt
Pulse Type	Selections	Negative, Positive, Bipolar
High Voltage Supply	Adjustable	±200 V, 1V Sensitivity -200 to -40V 40 to 200V 400V Potential Difference
Transition	Rise / Fall Time	20ns< Typically at 100V
Trigger	Properties	External, Internal, 3-5V Rising Edge Trigger SMA Connector TTL and CMOS Compatible Computer Programmable Selection Between Internal and External Trigger Source
Frequency	Output	1Hz to 10 MHz
Pulse Repetition Rate	Ext. Int.	0-2 KHz 0-1 KHz
Tone Burst Mode	Number of Pulses can be Set by Computer over USB Port Depending on PRF a Burst may have 15 Pulses	
Internal Power Supply	2x 220 VAC to 24 VDC PS in Pulser	
Interface	USB Data Cable to RS422	
Operating Voltage	220 VAC / 50 Hz	
Fuse	0.25 A	
Software	Windows 10, GIU	
Environmental Conditions	Operating Humidity	0 to 80% RH
	Operating Temperature	0 to 50°C