

Basic specification	
Pulser	
Pulse type	pulse wave/ burst wave /chirp wave
Pulse voltage	10 ~ 1800V 30V step
Number of wave	1 ~ 3
Transmitting frequency	20 kHz ~ 1 MHz
Damping resistance	100、200、500、1,000Ω Switching method (soft ware switching)
Work mode	transmission method inside synchronization outside synchronization
Inside synchronized repetition frequency	0.5、1.0、2.0、4.0、8.0 kHz
Outside synchronized repetition frequency	Max 8 kHz
Outside synchronized input	+5 v -0 v rising
Jitter	10 usec and less
Basic clock	100 MHz
Receiver	
Band pass	300 Hz ~ 30 MHz
Gain	Main 80dB、 140dB (Maximum gain including Out side pre-amplifier)
Input impedance	10 kΩ
Output impedance	50 kΩ
High pass filter	0.01、0.2、1.0 MHz
Low pass filter	1.0、2.0、5.0 MHz
AD control	
ADC resolution	10 bits
Band width	~ 50 MHz
Sampling rate	100、50、20、10、5、2、1、0.5 Ms/s software switching
System	
Controlling	PC controlling by USB
Soft ware	
Main function	FFT filter、automatic wave from saving、averaging
Wave correlation processing	Available
Main body	
Terminal	Output of pulser and receiver : lemo large RF / trigger output BNC
Electric power source	AC 100 ~ 200V
Power volume (W)	1
Dimension	320 (W) × 280 (D) × 88 (H) mm
Weight	3.8 kg
Operating temperature	5 ~ 40°C
Isolation	○