

EQUIPO SIUI CTS-703
TOFD



FUNCTION	UNIT	CONVENCIONAL	TOFD
Number of Channel		1 or 2	
Pulse Type		Negative square wave and negative spike pulse	
Pulse Width		Negative square wave: 30ns~1000ns continuously adjustable Negative spike pulse: 15µs	
Pulse Amplitude	V	Negative square wave:100~500 (every step 50V adjustable) Negative spike pulse: 100~500 (every step 50V adjustable)	
Operation Frequency Range	MHz	0.5~20	
Pulse Repetition Frequency	Hz	100~2000 (adjustable, with 100 Hz step)	
Detection Range	mm	5~15000 (longitudinal wave in steel)	
Detection Length		Max. 4m each	
filter		16 frequencies available	
Storage Memory		4GB internal storage capacity	
Material Velocity	m/s	1000~9999	
Rectification		Full, Positive, Negative, RF	RF
Gain Adjustment	dB	0~110, min, step 0.5	
Imaging Mode		A-scan	TOFD imaging
Offline Data Analysis			LW straightening, BW straightening LW remove, BW remove, image contrast Adjustment, image gain adjustment, Image mark and measurement
port		VGA out port: 1pc	
		USB port: 2pcs	
		Ethernet port: 1pc	
Display Screen		High brightness 6.5" color TFT LCD, with 640x 480 pixels	
Operation Period	hr	≥8	
Power Mode		Battery: 10 Ah lithium polymer battery External Power Supply: 12V adapter	
Operating Environment	°C	0~40	
Weight	Kg	Approx. 2.6 (including battery)	
Dimension	mm	162x250x116 (HxWxD)	