

Technical Specification Comparison				
	SyncScan	SyncScan Pro	SyncScan 2	SyncScan 3
				
General				
Display Screen	8.4” high brightness TFT LCD, 800×600 pixels			12.1” high brightness TFT LCD, 1024×768 pixels
Dimension (W×H×D)	284×220×90 (mm)	284×220×90 (mm)	284×220×105 (mm)	365×270×115 (mm)
Weight	3.75 kg with1 battery	3.75 kg with1 battery	4 kg with 1 battery	7.7 kg with 2 batteries
Battery	1 pc DC-A007			2 pcs DC-A007
Battery Capacity	7.5 Ah/pc, operation time around 4-5 hours			7.5 Ah/pc, operation time around 3.5-4 hours
Data Storage	Standard 32G SD card (up to 64G)	Internal Storage (5G) + Standard 32G SD card (up to 64G)		Internal Storage (64G)+ Standard 32G SD card (up to 64G)
USB Connector	2 pcs(USB2.0)	2 pcs(USB 3.0+USB2.0)		2 pcs USB 3.0
Video Output	VGA port			VGA, HDMI port
Encoder	1-axis	2-axis	2-axis	3-axis
SIM Card Connector	N/A	N/A	N/A	Optional
Fan	N/A	N/A	2 pcs	3 pcs
Wifi	N/A	Working with wireless adapter	Working with wireless adapter	Wifi inside
GPS	N/A	N/A	N/A	Optional
New Function Hotkeys	N/A	N/A	N/A	Cursor key; Scan/Stop key; Save key; NDT Ultracloud (Reserved)
VNC Remote Control	N/A	N/A	N/A	Yes
Certifications	EN 12668-1 or ISO 22232-1 or ISO 18563-1			
TFM				
Configuration	N/A			Image resolution up to 1024×1024; TFM 3D real-time imaging; Up to 6 TFM modes in one time
Phased Array				
Configuration	16:64 PR (Pitch & Catch); 16:128	16:64 PR (Pitch & Catch); 16:128 PR (Pitch & Catch)	32:128 PR (Pitch & Catch)	32:128 PR (Pitch & Catch) 64:128 PR (Pitch & Catch)
Scan Speed	1.5m/minute	3m/minute	3m/minute	7.5m/min
Adaptor	TQ-A006	TQ-A020 (new version)		
PA 3D	N/A	N/A	N/A	Standard
PA DAC	Optional	Optional	Standard	Standard
PA Groups				
PA Probe Element Testing				
PA FlatWeldSim				
PA C Scan In-Depth				
PA Corrosion Solution			Optional	Optional for 32:128 PR, Optional for 64:128PR basic version; Standard for 64:128PR full version.
PA Flat Weld Solution				
PA Angle Weld Solution				
PA Pipe Girth Weld Solution				
PA Long Pipe Solution	N/A			
PA Corner Joint Solution				
Conventional UT				
No. of Channel	1; Another version: 1/2/4-ch UT but without PAUT	2	2	4
Start from Conventional UT	Available	N/A	N/A	N/A
UT API 5UE UT AWS UT TCG UT CSC UT FFT UT B-Scan UT FlatWeldSim UT CrackMeas	Optional	Optional	Standard	Standard
TOFD				
No. of Channel	1; Another version: 1/2/4-ch TOFD but without PAUT	1/2	1/2	1/2/3/4
1-ch TOFD	Optional	Optional	Optional	Optional for 32:128 PR, Optional for 64:128PR basic version; Standard for 64:128PR full version.
2-ch TOFD	Only available for version without PAUT	Optional	Optional	
3-ch TOFD	N/A	N/A	N/A	
4-ch TOFD	Only available for version without PAUT	N/A	N/A	
TOFD SAFT	Optional	Optional	Optional	
Simultaneous Display of PAUT and TOFD Software	Optional	Optional	Optional	
PC Software SuporUp				
Analysis Software	Standard	Standard	Standard	Standard (Support CAD import function)
Corrosion Software (For PA corrosion application)	Optional	Optional	Optional	Optional for 32:128 PR, Optional for 64:128PR basic version; Standard for 64:128PR full version.
Emulator Software (For PA Application)	Optional	Optional	Optional	Optional for 32:128 PR, Optional for 64:128PR basic version; Standard for 64:128PR full version. (Support CAD import function)
Acquisition Software (For real-time data transfer by Wifi between instrument & PC)	N/A	Optional (Working with wireless adapter)	Optional (Working with wireless adapter)	Optional for 32:128 PR, Optional for 64:128PR basic version; Standard for 64:128PR full version. (No need for wireless adapter)
Recommended Solution				
Recommended Solution	Weld: Flat weld solution Small Tube weld solution with LPS Corrosion: Corrosion with PTS-P05 PA immersion corrosion with MPS-01A	Weld: Flat weld solution Small Tube weld solution with LPS Corrosion: PA immersion corrosion with MPS-01A Corrosion with DLA probe Free 2D corrosion with MPS-02	Weld: PAUT+TOFD for flat weld with TSE PAUT+TOFD for long pipe weld with CPS Austenitic solution with DMA/DLA probe Automated solution PE pipe solution Corrosion: Free 2D corrosion with MPS-02 Automated 2-axis corrosion with CUS Corrosion solution with PA wheel probe	Weld: 32-ch/64-ch TFM solution Weld solution with thicker thickness Automated solution Corrosion: 32-ch/64-ch TFM solution Automated 2-axis corrosion with CUS Composite materials with PA wheel probe

● Recommended application is based on the configuration and scanning results of the instrument. For specific requirements, please contact our sales representatives.