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- Y-axis motion module
- water immersion focusing sensor
- emergency stop switch
- X-axis motion module
- 4803279
- sink (customizable)



FUNCTIONS

Scanning mode	real-time A,B,C scanning and image display
Defect localization	automatic tracking and localization of defects
Analysis of defects	quantitative analysis of material defects-Cluster function
Intelligent threshold	automatically generate each corresponding image as well as difference and ratio images between gates
Automated statistics	function to automatically find the maximum and minimum points
Full waveform storage	full-wave RF record analysis and C-scan result reconstruction function

SPECIFICATION

Working gate	4 (different gate delays, width control, transient thresholds and detection thresholds)
Working frequency	0.1~32MHz
Material velocity	.79"~3937"/s
Repetition frequency	1~14000Hz (non-time-shared sampling)
Sampling frequency	Max 250M
Gain	110dB, step 0.1dB
Detection accuracy	meets the AAA level detection accuracy in the standard (e.g. detection sensitivity $\varnothing.016$ "-15dB in 20# mold steel)
Vertical linearity error	$\leq \pm 2\%$ (within 5~95%)
Horizontal linearity error	$\leq \pm 1\%$ (within the range of 0~90%)
Ultrasonic pulse wave modes	sharp wave, square wave, linear fm pulse, group pulse group pulse
Trigger mode	software control, external Input, signal threshold
Threshold control	program can control 1~100% full screen
A/D converter	14 bits
Valid itinerary	47.24x35.43x19.68"
Operation environment	temperature: 14°F~113°F, relative humidity: $\leq 85\%$
Power supply	220V, 50HZ
Dimension	58.27x46.85x67.72" (customizable)