

# Prospect T1 Specifications

<b>Resolution</b>	Up to 30µm
<b>Image Modes</b>	B / M / PW / 2D Doppler (color / power) / 3D / Contrast / Elasticity
<b>Frequency</b>	PB506e /PB406e Probe: Center Frequency 40MHz (20MHz-60MHz) PB207e Probe: Center Frequency 20MHz (10MHz-30MHz)
<b>Field of View</b>	Depth up to 39 mm (20MHz probe) / Width up to 23 mm
<b>Advanced Imaging Modes</b>	Virtual array
<b>Frame Rate</b>	Up to 190fps (ECG mode)
<b>Data Storage Format</b>	SSD 250MB. jpg, avi, bmp, tif, DICOM SFSC/MFSC, RF raw data, cinelooop (proprietary format), video capture
<b>Platform</b>	Heating/ ECG gating/ Respiration gating Rat table and mouse table available
<b>3D Motor</b>	0.05 mm scan interval in the scan axis
<b>Display</b>	15-inch XGA touch screen Intuitive TUI for improved workflow
<b>Dimension</b>	360x280x65mm
<b>Operation Software</b>	Microsoft Embedded Win7 (English)
<b>Power Requirements</b>	External Power Supply: AC Input 100V-240V (50Hz-60Hz) Max. Power consumption: 36 Watts
<b>Environment Requirements</b>	Temperature (min-max): -Storage: -20° to +60°C; Operating: 10° to 40°C Humidity: -Storage: 90%; Operating: 80%
<b>Regulation Compliance</b>	EMC: CISPR 11:2015 / EN55011:2016 Group 1, Class A. EN61326-1:2013 Safety: EN61010-1:2010 Compliant with Euro RoHS, WEEE certification

