

FEATURES	MANTIS 16:64PR	MANTIS 16:64PR TFM16	MANTIS 16:64PR TFM64	GEKKO 32:128PR	GEKKO 32:128PR TFM32	GEKKO 32:128PR TFM64	GEKKO 64:64PR	GEKKO 64:64PR TFM64	GEKKO 64:128PR	GEKKO 64:128PR TFM64	GEKKO 64:128PR TFM128
Conventional UT & TOFD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Linear array & dual linear array	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Plate geometry and weld overlay	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Scanner up to 2 encoded axes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Linear, sectorial & compound scanning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
True-depth, soundpath & projection focusing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Active aperture up to 16 elements	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Scan plan feature – multiskip display	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Velocity/probe/TCG/AVG... calib. wizards	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRF up to 12kHz	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Customizable layout & report	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Embedded analysis tools	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pipe geometry & weld overlay (circ. & longi.)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multigroup inspection (up to 8)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2D dxf file import for CAD overlay		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nozzle & fillet weld geometry			✓	✓	✓	✓	✓	✓	✓	✓	✓
Scanning up to 3 encoded axes			✓	✓	✓	✓	✓	✓	✓	✓	✓
PRF up to 20kHz			✓	✓	✓	✓	✓	✓	✓	✓	✓
Matrix array and dual matrix array			✓	✓	✓	✓	✓	✓	✓	✓	✓
FMC recording			✓		✓	✓		✓		✓	✓
4 independent P/R channels for UT & TOFD				✓	✓	✓	✓	✓	✓	✓	✓
PRF up to 40kHz				✓	✓	✓	✓	✓	✓	✓	✓
Active aperture using 32 elements				✓	✓	✓	✓	✓	✓	✓	✓
Active aperture using 64 elements							✓	✓	✓	✓	✓
Up to 128 elts probe / 2 x 64 elts probe				✓	✓	✓			✓	✓	✓
TFM in direct modes (LL or TT)		✓	✓		✓	✓		✓		✓	✓
TFM in indirect & converted modes			✓		✓	✓		✓		✓	✓
TFM calculation using 16 elements		✓	✓		✓	✓		✓		✓	✓
TFM calculation using 32 elements			✓		✓	✓		✓		✓	✓
TFM calculation using 64 elements			✓			✓		✓		✓	✓
TFM calculation using 128 elements											✓
Adaptive TFM module up to 64 elements								Optional		Optional	Optional