

RMS 600 Technical Specification	
Dimensions	Length 446 mm x Width 795 mm x Height 220 mm
Weight without cables	20 Kg
Adhesion	Magnetic wheels
Pull off force	100 Kg
Drive	1 off stepper motor per tractor unit
Scan Width	600 mm
Minimum Pipe Diameter	1000mm
Umbilical Cable	15 metre extendable to 30 metres
Transducer	Single short pulse 5MHz
Power supply	220/110 vac input

RMS 450P Technical Specification	
Dimensions	Length 505 mm x Width 976 mm x Height 220 mm
Weight without cables	20 Kg
Adhesion	Magnetic wheels
Pull off force	100 Kg
Drive	1 off stepper motor per tractor unit
Scan Width	450 mm
Minimum Pipe Diameter	254mm
Umbilical Cable	15 metre extendable to 30 metres
Transducer	Single short pulse 5MHz
Power supply	220/110 vac input

RMS 450P Technical Specification	
Dimensions	Length 505 mm x Width 976 mm x Height 220 mm
Weight without cables	20 Kg
Adhesion	Magnetic wheels
Pull off force	100 Kg
Drive	1 off stepper motor per tractor unit
Scan Width	450 mm
Minimum Pipe Diameter	254mm
Umbilical Cable	15 metre extendable to 30 metres
Transducer	Single short pulse 5MHz
Power supply	220/110 vac input

RMS 300 Technical Specification	
Dimensions	Length 446 mm x Width 503 mm x Height 220 mm
Weight without cables	20 Kg
Adhesion	Magnetic wheels
Pull off force	100 Kg
Drive	1 off stepper motor per tractor unit
Scan Width	300 mm
Minimum Pipe Diameter	750mm
Umbilical Cable	15 metre extendable to 30 metres
Transducer	Single short pulse 5MHz
Power supply	220/110 vac input

Ultrasonic Pulser/Receiver Specification	
Pulse Voltage	-40 to -300, 256 steps
Pulse Width	50 ns to 320 ns in 20 ns step
Damping	500Ω
Receiver Gain	0 dB to 80 dB in 0.1dB increments.
Filter	0.6 MHz to 18MHz fixed
Waveform	Full rectify, + half rectify, - half rectify, or RF
Sampling Rate	50MHz
Resolution	8 bits (0 to 255)
Waveform Length	1 to 8190
Trigger Source	+external, -external, internal or software
Transducer Range	1 to 10 MHz
Post Trigger delay	0 to 16,370 samples in 1 sample step

RMS Computer Specification
Windows Vista Home Premium
2GHz Dual Core
2GHz RAM
400GB Hard drive
NVida Geforce 7600 Graphics card with 256 Mb RAM
17 inch Wide Screen display
Full sized Qwerty Keyboard