

FEATURE OVERVIEW

KLIPPEL QC SYSTEM

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	QC BASIC	QC STANDARD	QC Programmable	* MHT	* MSC	Match Speaker	Remote Configuration
Features:	SYSTEMS			Additional Modules			
Amplitude Frequency Response	✓	✓	✓				
Phase Response	✓	✓	✓				
Sensitivity	✓	✓	✓				
Mean Level in Frequency Band	✓	✓	✓				
Polarity	✓	✓	✓				
Time Delay	✓	✓	✓				
Electrical Impedance	✓	✓	✓				
Resonance Frequency f_s	✓	✓	✓				
Loss Factor Q_{ts}	✓	✓	✓				
dc Resistance R_e	✓	✓	✓				
Manual Sine Sweep	✓	✓	✓				
Limits calculated automatically	✓	✓	✓				
Pass / Fail Statistics	✓	✓	✓				
Flexible Data Export	✓	✓	✓				
THD+ Noise	-	✓	✓				
2nd-5th order Harmonics	-	✓	✓				
Rub & Buzz detection	-	✓	✓				
Loose Particle Detection	-	✓	✓				
Loose Connection & Drop Outs	-	✓	✓				
All Linear T/S Parameters	-	✓	✓				
Force Factor Bl	-	✓	✓				
Moving Mass M_{ms}	-	✓	✓				
Select Golden Reference Units	-	✓	✓				
Process Indices C_{pk} , P_{pk}	-	✓	✓				
Ambient Noise Detection (2. Microphone)	-	✓	✓				
High Level Scripting Language	-	-	✓				
Optional Features:							
Meta Hearing Option				✓			
Nonlinear Parameters					✓		
Voice Coil Offset					✓		
Suspension Symmetry					✓		
Peak Displacement X_{max}					✓		
Port Resonance Frequency and Loss Factor					✓		
Match Frequency Responses						✓	
Remote Configuration							✓

* QC STANDARD System required for Modules MHT and MSC