Thorens TD160 Super - SME iII - Ortofon 2M Bronze - Art

Measurement Report

DATE Friday, 6 November 2026 at 22:03

INPUT —

MEASUREMENTS

Channel balance	L-R +0.44 dB
Playback RPM	33.30 RPM • -0.11% vs 33 1/3 • Settled min 33.22 RPM • Settled max 33.37 RPM • Span 0.15 RPM
DIN-shaped wow & flutter RMS	0.028%
Raw speed variation	Unweighted RMS ±0.138% • 2-sigma ±0.276%
Raw wow/flutter components	Unweighted wow RMS 0.134% • Unweighted flutter RMS 0.032%
1 kHz Electrical Crosstalk	L→R -33.0 dB • R→L -31.3 dB • Balance 1.72 dB • Avg separation 32.2 dB
Distortion diagnostics	L 1.23% THD • R 1.26% THD • THD L-R -0.03 pp • H2 R 0.1 dB higher • H3 L 0.5 dB higher
Harmonic reliability	The left channel's overall distortion changed most during recording. Repeat before changing the cartridge setup.
Harmonic profile	L 2nd -38.6 dB • 3rd -49.7 dB • 4th -57.4 dB • 5th -68.3 dB | R 2nd -38.5 dB • 3rd -50.1 dB • 4th -58.8 dB • 5th -66.4