

Technical Data

Type	OM 10	Super OM 10
Weight	5g*	5g*
Stylus (diamond shape)	Elliptical	Elliptical
Stylus tip radius	8 × 18 μm	8 × 18 μm
Frequency response	20 - 20,000 Hz ±2dB	20 - 20,000 Hz +3 dB, -1 dB
Frequency range	20 - 22,000 Hz	20 - 24,000 Hz
Output voltage (1 kHz, 5 cm/s)	>4.0 mV	>4.0 mV
Channel separation (1 kHz)	>22 dB	>22 dB
Channel balance (1kHz)	2dB	<1.5 dB
Compliance, dynamic (lateral/vertical)	25/25 μm/mN	25/25 μm/mN
Tracking angle (vertical)	20°	20°
Tracking force range	1.25 - 1.75 g (12.5 - 17.5 mN)	1.25 - 1.75 g (12.5 - 17.5 mN)
Tracking force (recommended)	1.5 g (15 mN))	1.5 g (15 mN)
Tracking ability (315 Hz, lateral)	>70 μm	>70 μm
Internal resistance	750 Ohm	1 kΩ
Inductance	450mH	580 mH
Recommended load resistance	47 kΩ	47 kΩ
Recommended load capacitance	200-500 pF	200-500 pF
FIM distortion	<0.8%	<0.8%

*)Including weight plate, 2.5 g without weight plate