

## Technical Data

	LM 30 H	LM 30	LM 20 H	LM 20
Weight of unit	2.6 g	2.6 g	2.6 g	2.6 g
Type of stylus	Fine-line Nude	Fine-line, Nude	Fine-line	Fine-line
Equivalent tip mass	0.35 mg	0.35 mg	0.45 mg	0.45 mg
Frequency response	20 Hz - 20 kHz	20 Hz - 25 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz
Output voltage at 1 kHz (5 cm/sec)	3.0 mV	3.0 mV	3.0 mV	3.5 mV
Channel separation at 1 kHz	25 dB	25 dB	25 dB	25 dB
Channel balance at 1 kHz	1.5 dB	1.5 dB	2 dB	2 dB
Compliance static, vertical	40 $\mu\text{m/mN}$	28 $\mu\text{m/mN}$	40 $\mu\text{m/mN}$	25 $\mu\text{m/mN}$
Compliance dynamic, lateral (10 Hz)	35 $\mu\text{m/mN}$	25 $\mu\text{m/mN}$	35 $\mu\text{m/mN}$	20 $\mu\text{m/mN}$
Recommended tracking force	10 mN (1.0 g)	15 mN (1.5 g)	10 mN (1.0 g)	18 mN (1.8 g)
Tracking force range	8 - 12 mN	12 - 18 mN	8 - 12 mN	15 - 21 mN
Tracking ability at 300 Hz	80 $\mu\text{m}$	70 $\mu\text{m}$	70 $\mu\text{m}$	60 $\mu\text{m}$
lateral	(at 10 mN)	(at 15 mN)	(at 10 mN)	(at 18 mN)
Vertical tracking angle	20°	20°	20°	20°
DC resistance	600 ohm	600 ohm	600 ohm	600 ohm
Inductance	500 mH	500 mH	500 mH	500 mH
Recommended load resistance	47 kohm	47 kohm	47 kohm	47 kohm
Recommended load capacitance	400 pF	400 pF	400 pF	400 pF
Hum sensitivity at 50 Hz	0.2 $\mu\text{V/A/m}$	0.2 $\mu\text{V/A/m}$	0.2 $\mu\text{V/A/m}$	0.2 $\mu\text{V/A/m}$