

# SME

*Since 1946*



**MODELS 309 - 310 - 312**

**SERIES 300**

# SERIES 300

- ☆ Unique pressure die-cast magnesium shell detachable and interchangeable without disturbing cartridge or wiring.
- ☆ New design clamping arrangement ensures rigid junction with tone-arm.
- ☆ Two-piece ultra-stiff tone-arm reflects sophisticated metalworking techniques.
- ☆ Internal constrained layer damps minute residual vibrations making tone-arm acoustically inert.
- ☆ Stainless steel cross shaft, ground and thread ground. Carried in massive yoke on 10mm precision ball races. Axis at record mean level to minimise warp-wow.
- ☆ Unique assembly gives high rigidity and allows bearings to be critically adjusted before tone-arm is fitted.
- ☆ Stainless steel vertical shaft, ground and thread ground, with integral 16mm diameter flange to couple shaft and yoke.
- ☆ 23mm diameter steel pillar, heat treated, ground and honed, carries two 17mm precision ball races, widely spaced to resist tilt.
- ☆ Anti-skate control operates through tension spring and filament. Dial corresponds with VTF and has positive OFF position.
- ☆ Lowering/raising control gives smooth positive action. Height of lift can be adjusted.
- ☆ Dual-lock base provides movement control with high rigidity.
- ☆ Tungsten-alloy balance weight carried on damped two-point suspension. Extra-low inertia design assists warp riding.
- ☆ Underslung weight housing corrects centre of gravity and provides non-reflective tone-arm termination.
- ☆ Swivelling, damped output socket minimises vibration transmission in sub-chassis use.
- ☆ Reference lines on tone-arm facilitate VTA setting.
- ☆ Fine adjustment of horizontal tracking angle (HTA).
- ☆ New design alignment protractor sets HTA with great accuracy.
- ☆ Cartridge leads and internal wiring LCOFC litz.
- ☆ Balanced LCOFC audio lead with gold plated phono plugs.

**DIMENSIONS**

	309	310	312
	mm	mm	mm
A – Distance from pivot to stylus	232.32	238.50	308.19
B – Distance from pivot to turntable centre	215.35	222.0	295.60
C – Cartridge fixing centres	12.70	12.70	12.70
D – Offset angle	23.204°	22.569°	17.278°
E – Linear offset	91.54	91.54	91.54
F – Overhang	16.98	16.50	12.59
G – Height above mounting surface	max 87.90	87.90	87.90
	min 56.40	56.40	56.40
H – Height of record surface above mounting surface	max 55.90	55.90	55.90
	min 24.40	24.40	24.40
J – Depth below mounting surface	56.75	56.75	56.75
K – Radial clearance for balance weight	73.0	73.0	73.0
L – Clearance between cabinet lid and record surface, assuming cartridge height at 17.0	37.0	35.0	35.0

## SME

Since 1946

Series 300 precision pick-up arms are available in the UK from leading audio stockists only. Distribution overseas is made by appointed agents in the countries concerned. Please contact our Sales Department for further information.