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SONY® PUA-237
12-INCH
PROFESSIONAL
TONEARM

(also PUA-286 16-inch arm
for transcription tables)

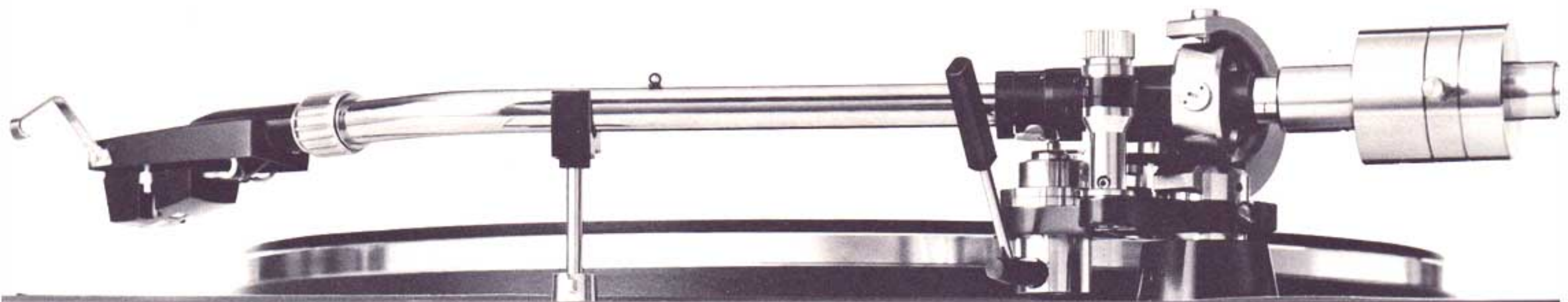
**the first truly professional
arm for non-professionals**

The PUA-237 combines optimum geometry and mechanical responsiveness for flawless tracking accuracy. Gimbal-mounted and suspended in four micro ball-bearing pivot races, the PUA-237 is virtually friction-free in its vertical and lateral response. This unusually high compliance permits it to trace the course of the record groove without leading or dragging, without favoring either one groove wall or the other. It will track a cartridge at the lowest stylus force prescribed by the manufacturer.

Despite its sensitivity, the PUA-237 has amazing stability. Contributing to this is provision for effective anti-skating compensation at every position on the record, and a lateral stabilizer which locates the center-of-mass in line with pivot and stylus.

The arm also has a built-in cueing device with silicon-damped piston which permits easy location and gentle placement of the stylus in any selected groove on the record. It also provides a semi-automatic method for lowering the stylus into the lead-in grooves of 7-, 10- and 12-inch records. A simple method is provided for obtaining arm balance, following which precise stylus force is set by a sliding counterpoise on a gram-calibrated beam.

The PUA-237 is the ideal companion to the Sony TTS-3000 turntable, though it may be used with any other fine turntable. Teamed up with the Sony VC-8E moving coil cartridge, it offers a playback system unsurpassed by anything available today. The PUA-286, a 16-inch transcription arm designed for studio use, has all the features of the PUA-237.



SONY PUA-237 12-INCH PROFESSIONAL TONEARM

(also PUA-286, 16-inch arm
for transcription tables)

Features

- Integral cueing device employs silicon-damped piston which permits easy location of stylus in any selected groove on the record. May also be preset for positive positioning in lead-in grooves of 7, 10 and 12-inch records.
- Arm-balancing system provides gram-calibrated stylus force setting after first zeroing out cartridge mass.
- Lateral balancer achieves high arm stability by bringing center-of-gravity in line with stylus and arm pivot.
- Stylus-force-calibrated anti-skate device further maintains lateral stability by counteracting tendency of stylus to favor inside wall. Assures precise center-of-groove tracing at all radius points on record.
- Interchangeable tonearm head accepts any standard cartridge. Connector sleeves slip over cartridge terminals—no soldering required. Pin-keyed plug fits into alignment slot in tonearm tube and is secured with helical lock-ring making positive electrical contact with inner terminals.
- Precision micro-ball bearing races in gimbals provide virtually friction-free arm-pivot suspension for maximum vertical and lateral compliance required with low stylus force cartridges.
- Fundamental tonearm resonance is well below audible frequencies, and of extremely low amplitude, due to carefully calculated distribution of arm mass.
- Cartridge head provides simple adjustment for correct stylus overhang.
- Flexible wire leads, concealed in arm, terminate in standard pin plug terminal on underside of base. Prevent upsetting lateral stability due to twisting of leads.
- Single, round hole required for arm installation plus hole for arm rest.

Specifications

Stylus force adjustment range

0 to 3 grams (in 1/2-gram click-stop increments)

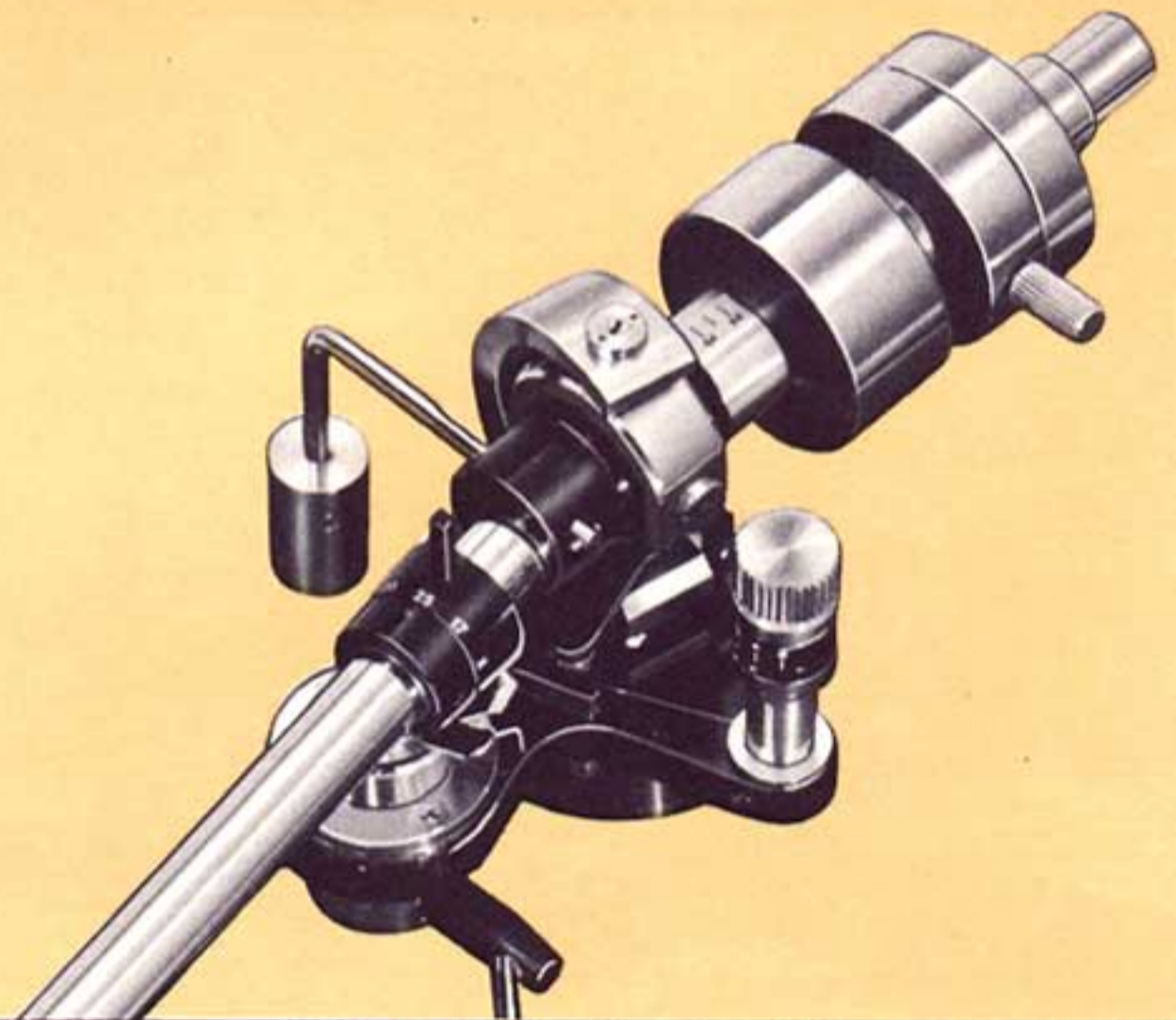
Anti-skate setting range

0 to 3 grams (in 1/2-gram increments)

Lead-in groove settings

7, 10 and 12-inches

| | PUA-237 | PUA-286 |
|---|----------------------------------|----------------------------------|
| Overall arm length | 13 ³ / ₈ " | 15 ³ / ₈ " |
| Pivot-to-stylus distance | 9 ¹ / ₃₂ " | 11 ¹ / ₄ " |
| Cartridge offset angle | 22°14' | 18°39' |
| Maximum tracking error | 1°44' | 1°24' |
| Arm resonance, with Sony VC-8E cartridge | | |
| vertical (approx.) | 9 cps | 8 cps |
| lateral (approx.) | 11 cps | 10 cps |
| Overhang from spindle | 9/16" | 1/2" |



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