

# SME MODEL 15



The Model 15 could be described as 'the ultimate in recovery vehicles', allowing the cartridge to retrieve the last nth of recorded material whether, digital or analogue, from the vinyl disc and thus approaches the ultimate in perfection. Receiving its inspiration from the superb Model 10 precision turntable the Model 15 seeks to emulate the excellence of our Models 20/3 & 30/2 turntables whilst retaining the more compact footprint preferred by many of our enthusiasts. The SME Model 15 has been designed with the same attention to detail combined with simplicity of operation that has come to be expected from all SME products. Its superb performance together with laid back styling make it a glamorous addition to your sound system that will astound and amaze listeners for many years to come.

# SME MODEL 15 PRECISION TURNTABLE



- \* The Model 15 sub-chassis is suspended on thirty purpose moulded '0' rings and weighs, together with the platter, more than 11.0kg (24 lb.), thereby meeting the requirement of high density construction on which freedom from colouration depend.
- \* Suspension is adjustable through trimming screws in each column and is used in conjunction with a gauge to give recommended settings or varied to suit individual requirements.
- \* The suspension is further disciplined by a central fluid damper which controls sub-chassis motion, offers a resistive ground path for acoustic signals, eliminates overshoot and gives almost zero 'Q' recovery.
- \* The platter is machined from aluminium alloy and weighs over 4.6kg (10 lb.). It is extensionally damped, the top surface being diamond-turned with a fine scroll. This method of finishing upsets a myriad of tiny fibres which interface with the underside of the record.
- \* A substantial clamp operating on the reflex principle ensures the largest possible platter contact even when appreciable record warp is present.

- \* The main spindle is 019.0 mm (3/4") machined from high chrome tool steel, ground, super finished and supported in a sealed housing with individually fitted sintered bronze bearings of generous proportions needed to support the platter.
- \* The Model 15 motor conforms to the highest standards of silent running in a turntable.
- \* The turntable is driven by a 3-phase, brushless outrunner inductance motor with 8-pole Neodymium magnets and 3 integrated Hall position sensors. The electronic controller uses a high performance microprocessor, optimised for motor control. Closed loop speed control is implemented using a proportional plus (PI) algorithm. Fine pitch speed adjustment allows increments/decrements of +/- 0.01% of the selected speed. Speed ranges: 33.3, 45 & 78 rpm.
- \* A soft dust cover is provided to accommodate the turntable and arm, when not in use.
- \* Mains voltages available are 90-110V, 105-125V and 220-240V 50/60Hz. Please specify when ordering.
- \* Standard arm mountings suit all SME 9" and 10" arms.



## MODEL 15

Equipped for but not including SME precision pick-up arm.

## MODEL 15A

As above but complete with matching SME 309 SPD precision pick-up arm.

### Dimensions:

Width – 428 mm

Depth – 378 mm

Height – 176mm

Net weight: 18.5kg (40 lb.)

### Shipping:

Width – 540 mm

Depth – 455 mm

Height – 390 mm

Weight approximately: 24.2kg (53 lb.)

The Model 15 turntable is available from leading audio stockists only. Availability outside the U.K. is made through appointed distributors in the countries concerned. For further information visit the SME website or contact our sales department.

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