

## BENJAMIN/ELAC MODEL 322 STEREO CARTRIDGE

The first stereo cartridge we ever had for test was an Elac, 'way back' in 1958. We have kept up with all the models since then, and the latest 322 Studio comes close to achieving the ideal in stereo cartridge design. As in previous models, the stylus assembly is replaceable as a complete moving-magnet unit. The stylus diamond has a radius of 0.52 mils, and the cartridge is designed to track at 1.5 to 3 grams, although with top-quality arms it will track

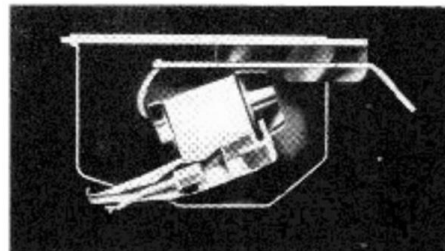


Fig. 5. Cross-section of Elac Model 322.

perfectly at 1 gram. Response extends up to 20,000 cps with less than a 2-db droop, and channel separation measured 32 db at 1000 cps, 25 at 10,000, and 16 at 20,000. IM distortion measured 1.5 per cent, which is satisfactorily low.

Stylus compliance is stated at  $14 \times 10^{-6}$  cm/dyne, which, while exceeded by some other types, gives consistent groove contact and results in a "solid" type of sound which indicates a complete lack of chatter. The unit, bright red in color for identification, comes in an attractive jewelry-type box. The stylus assembly is interchangeable with earlier Elac models to give the same quality of performance. **G-20**