

INSTITUTIONAL LISTINGS

The IRE Professional Group on Microwave Theory and Techniques is grateful for the assistance given by the firms listed below, and invites application for Institutional Listing from other firms interested in the Microwave field.

AIRTRON, INC., 1101 W. Elizabeth Ave., Linden, N. J.

Designers and Producers of Complete Line of Microwave, Electronic and Aircraft Components

COLLINS RADIO CO., Cedar Rapids, Iowa

Complete Industrial Microwave, Communication, Navigation and Flight Control Systems

LITTON INDUSTRIES, Electron Tube Div., 960 Industrial Rd., San Carlos, Calif.

Magnetron, Klystrons, Carcinotrons, TWT's, Backward Wave Oscillators, Gas Discharge Tubes, Noise Sources

MICROWAVE CHEMICALS LABORATORY, INC., 282 Seventh Ave., New York 1, N.Y.

Single Crystals and Polycrystalline Y.I.G. and Related Ferrites Designed for Your Devices

MICROWAVE DEVELOPMENT LABS., INC., 92 Broad St., Babson Park 57, Mass.

Designers, Developers and Producers of Microwave Components and Assemblies, 400 mc to 70 kmc

SAGE LABORATORIES, INC., 159 Linden St., Wellesley 81, Mass.

Microwave Engineering Specialists

WEINSCHEL ENGINEERING CO., INC., Kensington, Md.

Attenuation Standards, Coaxial Attenuators and Insertion Loss Test Sets

WHEELER LABORATORIES, INC., 122 Cutter Mill Road, Great Neck, N.Y.

Consulting Services, Research & Development, Microwave Antennas & Waveguide Components

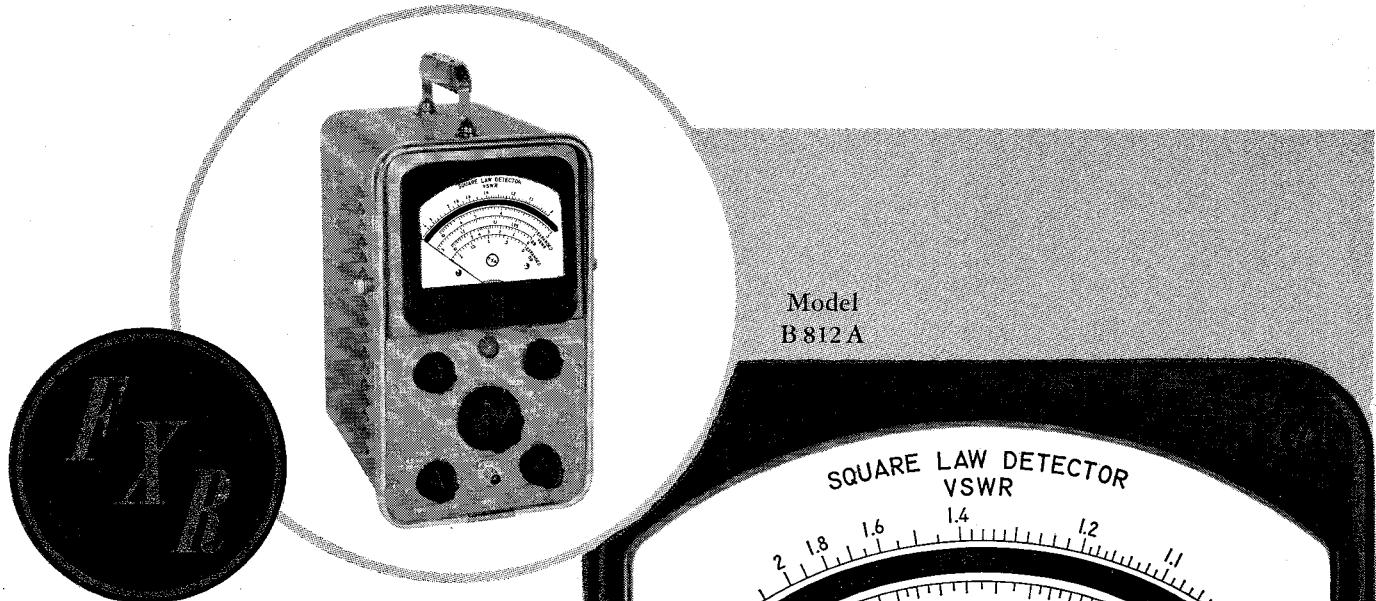
The charge for an Institutional Listing is \$50.00 per issue or \$140.00 for four consecutive issues. Applications for Institutional Listings and checks (made out to the Institute of Radio Engineers) should be sent to Tore N. Anderson, PGM TT Advertising Editor, 1539 Deer Path, Mountainside, N.J.

NOTICE TO ADVERTISERS

Effective immediately the IRE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES will accept display advertising. For full details contact Tore N. Anderson, Advertising Editor, PGM TT TRANSACTIONS, 1539 Deer Path, Mountainside, N. J.

see the newcomer among FXR's extensive line of

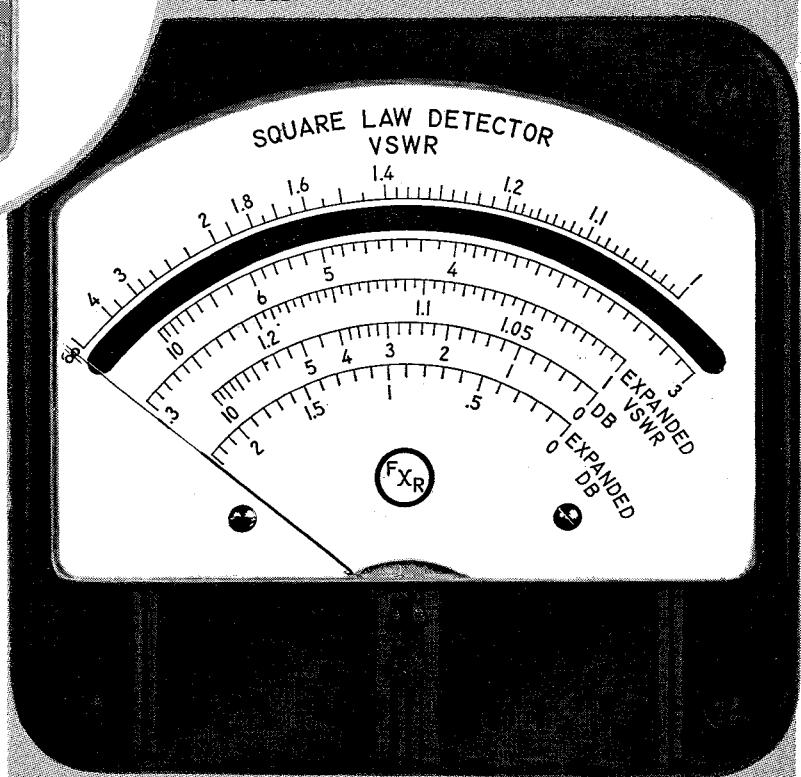
PRECISION MICROWAVE EQUIPMENT



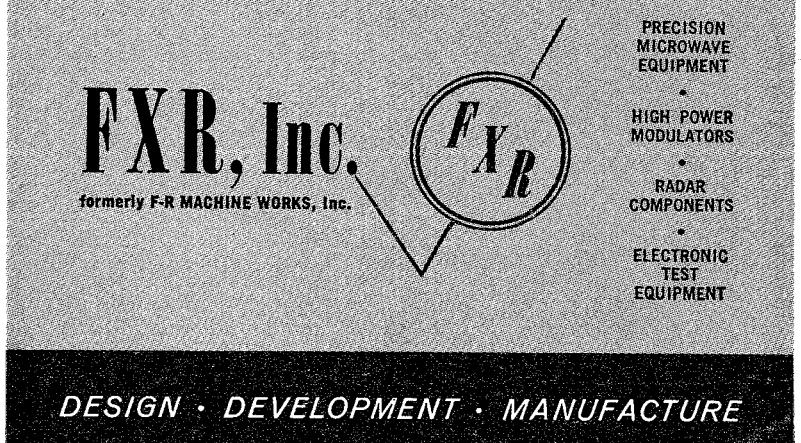
Model
B-812A

INNOVATIONS where they are most effective

- Oversized 5-inch mirror-backed meter, with 1% linearity, provides high resolution and accuracy. It can be tilted for even greater ease of reading than its oversize affords.
- The meter is also *REMOVABLE* for convenient placement and it is equipped with a vernier attenuator for remote adjustment over a 3 DB range.
- A filter, tunable between 950 and 1050 CPS, permits exact alignment of the instrument with the output frequency of the signal source.
- Range, 70 DB; expanded scale for VSWR and DB; panel switch shifts the meter reading -5 DB to move it to an area of the scale more easily read.
- Gain automatically maintained when readings are switched from normal to expanded scale.
- Low microphonic, subminiature tube in input circuit increases usable sensitivity.
- Full scale sensitivity, 0.1 μ V; signal to noise ratio, 3:1.



STANDING WAVE AMPLIFIER



DESIGN · DEVELOPMENT · MANUFACTURE

26-12 BOROUGH PLACE, WOODSIDE, N.Y.