

Microelectronics

The Marconi Company has, for several years, been engaged in an intensive study of Microelectronics. As a result of this study, it has now established a rapidly expanding production unit within its Microelectronics Division.

The range of products offered by this Division includes:

Multiple diode assemblies

Specialized v.h.f power transistors

High-speed, high current switching transistors

M.O.S field effect transistors

Linear circuit modules

Logic modules

Miscellaneous modules such as crossed ring modulators, bridge rectifiers, staircase divider circuits, etc.

Varactor diodes for frequency multiplication, microwave switching and tuning by voltage-variable-capacitance

In addition, the Division offers the following services to customers:

The facilities of its Microelectronics Applications Engineering Group as an experienced team for the development of circuits against Customer's performance specifications.

Training in Microelectronics circuit design of a customer's personnel by our Applications Engineering Group.

The Division is backed by a strong research team and a continuous programme of investigation into new devices is being carried out which will result in further products being marketed.

For further information write to:

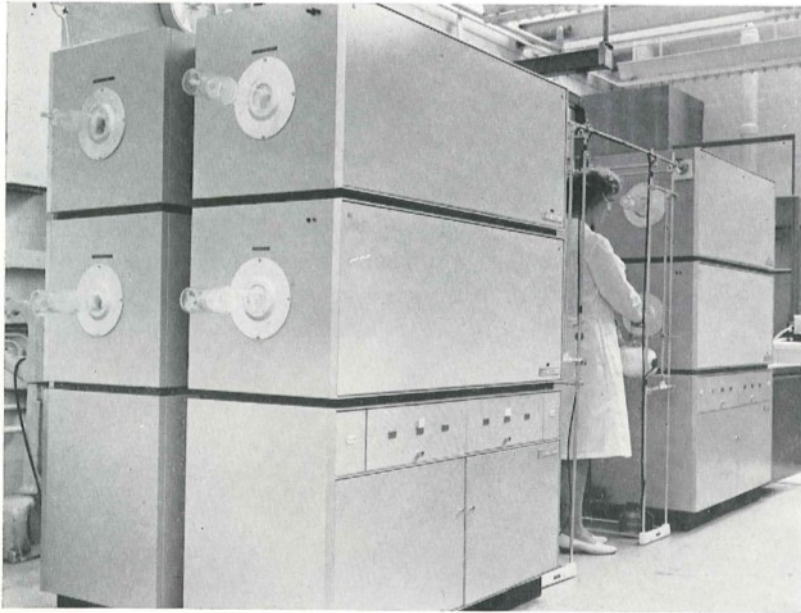
The Marconi Company Limited, Microelectronics Division, Witham, Essex, England. Telephone: Witham 3401.



X1114

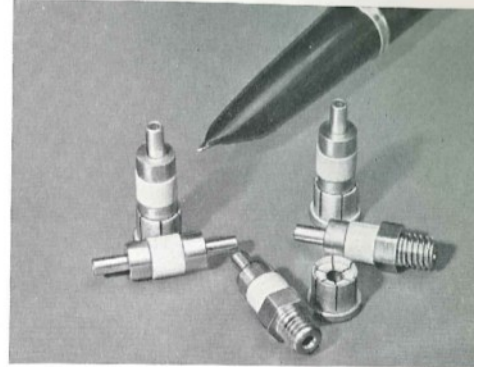
General view of part of the assembly area.

X1115



A section of the diffusion furnaces in use in the production unit.

9424



Varactor diodes.



X1116

The artwork required for the making of photographic masks for the production of microelectronic devices is shown being laid out on the Co-ordinatograph at magnifications of some 200 times.