



P R E S S R E L E A S E

A NEW SCANNING ELECTRON MICROSCOPE WITH TV FOR LESS THAN £ 5.000

A new high performance desktop scanning microscope priced under £ 5.000 and featuring a unique TV scan mode has been announced by International Scientific Instruments, Inc., GmbH, München.

Called the TV MINI-SEM^R, the new instrument with its special 9-inch built-in TV monitor is the first at this price to offer a guaranteed resolution of 500 Angstroms. The magnification range is 10X to 20,000X, accelerating voltage is 10 KV, and the lens system consists of 3 pre-aligned electro-magnetic lenses.

Four operating modes are standard: TV scan or search, reduced area, slow scan TV viewing, and photo. A built-in photometer ensures perfect micrograph exposure. Accessories include a wide choice of stages and cameras.

The TV MINI-SEM may be installed on any desk, table or lab bench with only standard 220 Volt 50 C/S AC power required. No water is required nor do special precautions against vibration have to be taken. A minimum number of controls assures successful operation by anyone.

The many applications of the TV MINI-SEM include metallurgy, micro-electronics, plant sciences, biomedical studies, paleontology, pollution, and ceramics. The instrument's TV display makes it especially suitable for teaching, inspection, and process quality control. TV MINI-SEM is definitely the lowest priced SEM available today.

For literature, contact International Scientific Instruments, Inc. GmbH, 8 München 90, Rotbuchenstraße 1, directly, or:

Polaron Equipment Ltd., 60/62 Greenhill Crescent, Holywell Industrial Estate, Watford / Herts.

