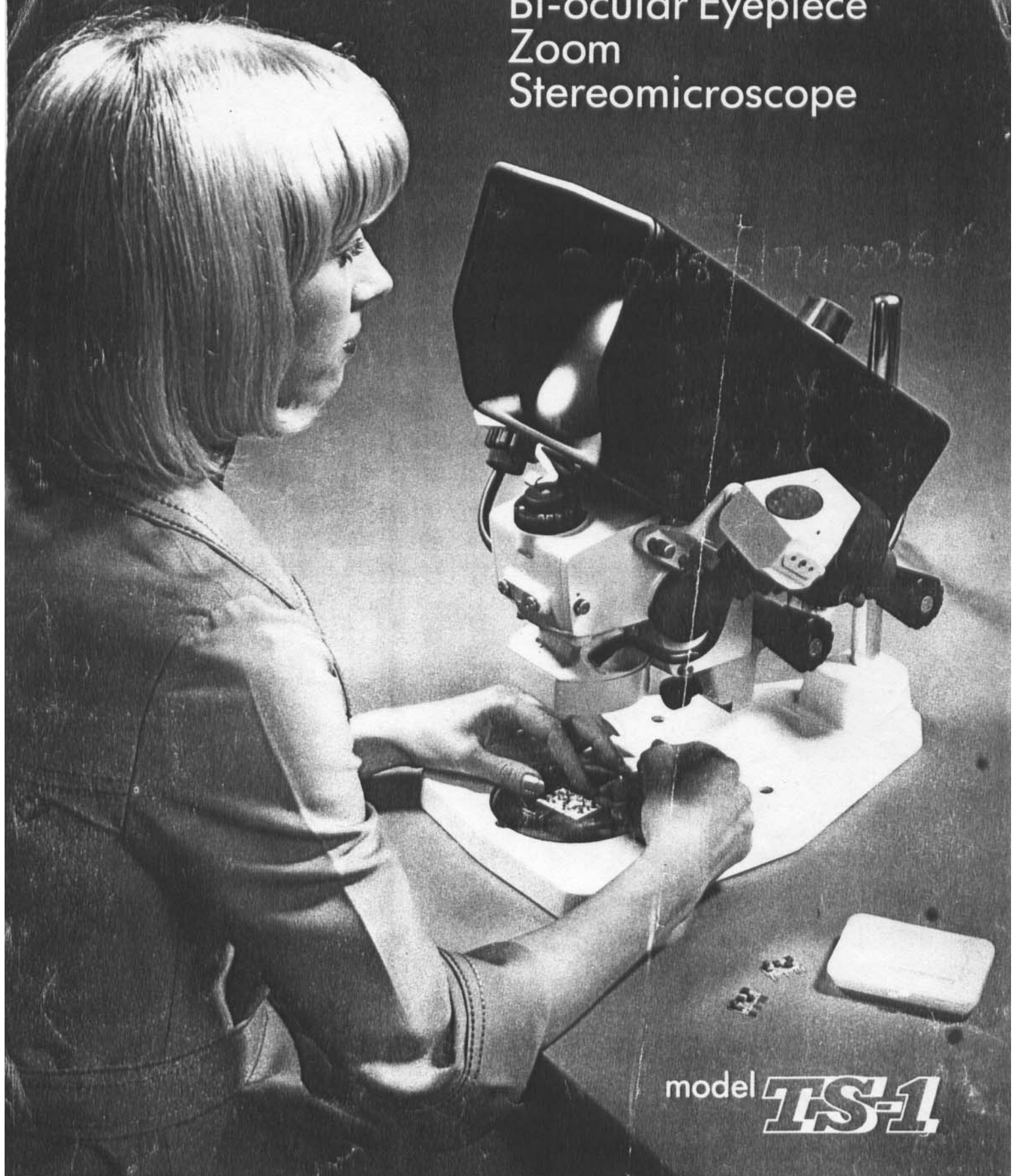


Vision

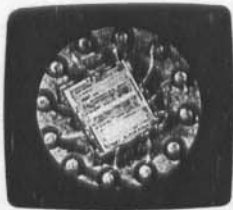
Advanced Technology
Bi-ocular Eyepiece
Zoom
Stereomicroscope



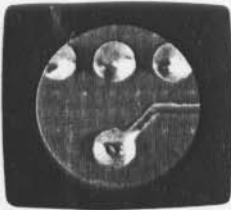
model **TS-1**

A **Vision** Dynascopic® Product

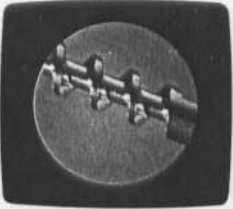
look at ...



SEMICONDUCTORS



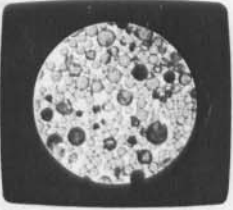
ELECTRONICS



PRECISION
ENGINEERING



WATCHMAKING



CHEMISTRY



BOTANY



GEOLOGY...



and many other
applications...

... a better way

SPECIFICATIONS

Multiplier	Magnification (X10 eyepiece)	Field of view at minimum zoom	Field of view at maximum zoom	Working distance
X0.4	3.0:20	68mm	11mm	200mm
X0.7	5.25:35	38mm	6mm	110mm
X1.0	7.5:50	26mm	4mm	85mm
X1.5	11.25:75	16mm	2.6mm	38mm
X2.0	15.0:100	12mm	2mm	17mm

Recessed anti-reflection viewing hood

6.5:1 zoom control facility

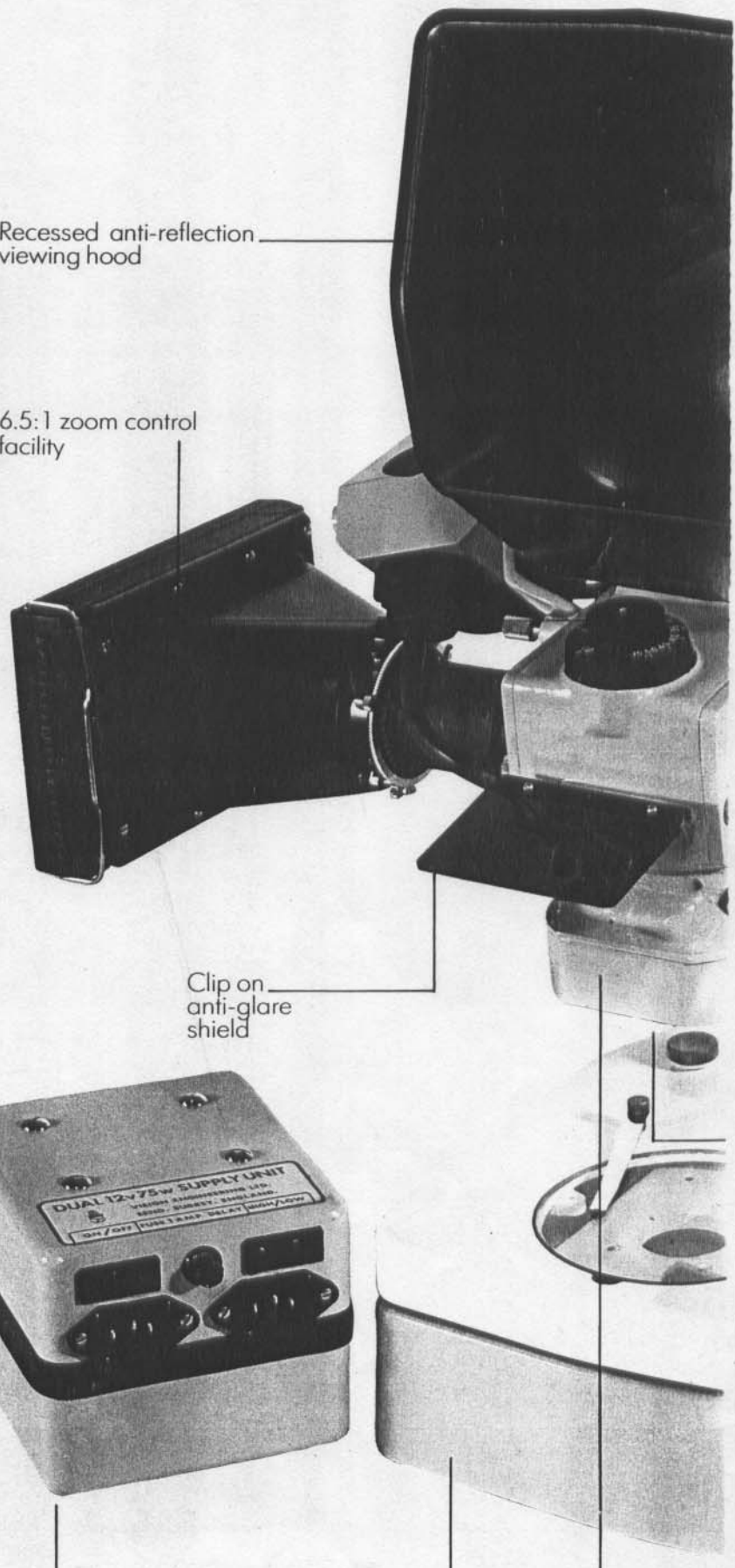
Clip on anti-glare shield



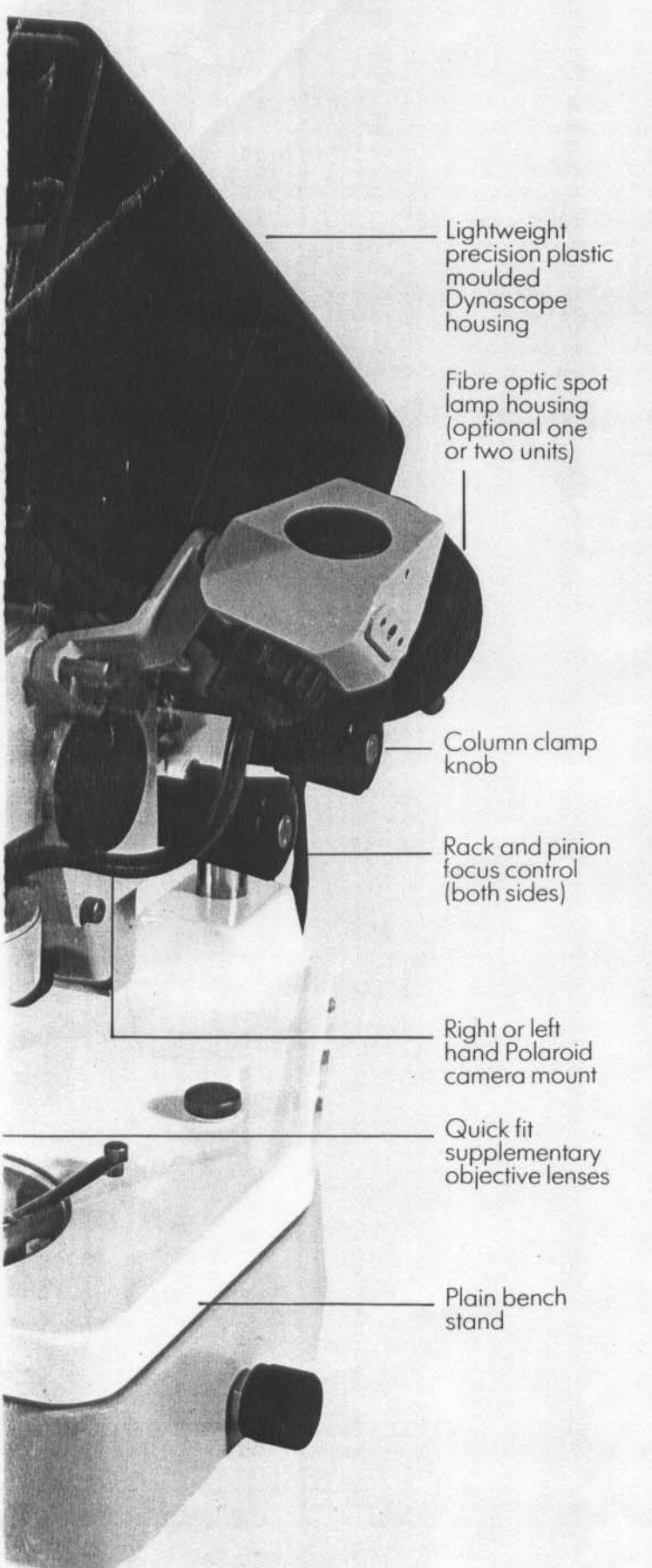
12 volt 150 watt
dual supply
transformer

Substage
illuminator
base

Semi-coaxial
illuminator
housing



Microscope with typical accessories arrangement



Lightweight precision plastic moulded Dynascope housing

Fibre optic spot lamp housing (optional one or two units)

Column clamp knob

Rack and pinion focus control (both sides)

Right or left hand Polaroid camera mount

Quick fit supplementary objective lenses

Plain bench stand

The model **TS-1** Bi-ocular Eyepiece Zoom Stereomicroscope comprises

* TS1/100 Basic instrument head assembly for 220/240 volt 50Hz operation, complete with X10 projection eyepieces, rack and pinion focusing system, zoom pod cover, clip on anti-glare shield and X1 multiplier.

or
* TS1/101 As above but 110 volt 60Hz operation.

Accessories include

TS1/102 12 volt 150 watt dual supply transformer. £198.00
220/240V 50Hz.

TS1/103 As above but 110V 60Hz operation.

TS2/104 Spot lamp with mounting bracket and screws. £296.00

TS1/105 Flex and stay fibre optic light guide with focusable lens. £100.00

* TS1/106 Plain bench stand with column and stop, clear glass stage plate and clips.

TS1/107 Semi-coaxial illuminator attachment less spot lamps.

TS1/108 X2.0 multiplier lens.

TS2/109 X1.5 multiplier lens.

TS1/111 X0.7 multiplier lens.

TS2/112 X0.4 multiplier lens.

TS2/113 Multiplier lens protector cap.

* TS2/114 O.E.M. adaptor for machine mounting.

* TS1/115 X10 graticule eyepiece for measuring and counting. (less graticule).

* TS1/116 Polaroid camera attachment.

TS2/117 Substage illuminator base with lamp.

Many other extras under development so check with us for your specific requirements.

* NO LONGER AVAILABLE



TS1/108, 9, 11, 12

TS1/114

TS1/116

Advantages of Dynascopic® Bi-ocular Eyepiece Viewing

The Dynascopic bi-ocular eyepiece system developed by Vision Engineering Limited and incorporated in this microscope gives the first time ability for an operator to view a stereo microscope image in total comfort, because:-

- 1) The elimination of conventional dual eyepieces and the resulting freedom of head position greatly reduces eye fatigue.
- 2) This system makes possible a completely relaxed, natural seating and viewing position.
- 3) It provides a "Just sit down and view" capability, a result of the elimination of difficult interpupillary and dioptre adjustments that conventional eyetubes require.
- 4) There is no need to remove prescription eyeglasses when viewing.

And of course, all these unique features are backed up by:-



Quick fit supplementary objectives giving true 3 dimensional stereo viewing from x3 to x100.



Cold light high intensity fibre optic illumination with incident or semi-coaxial options.



Constant working distance with continuously variable 6.5:1 zoom run.

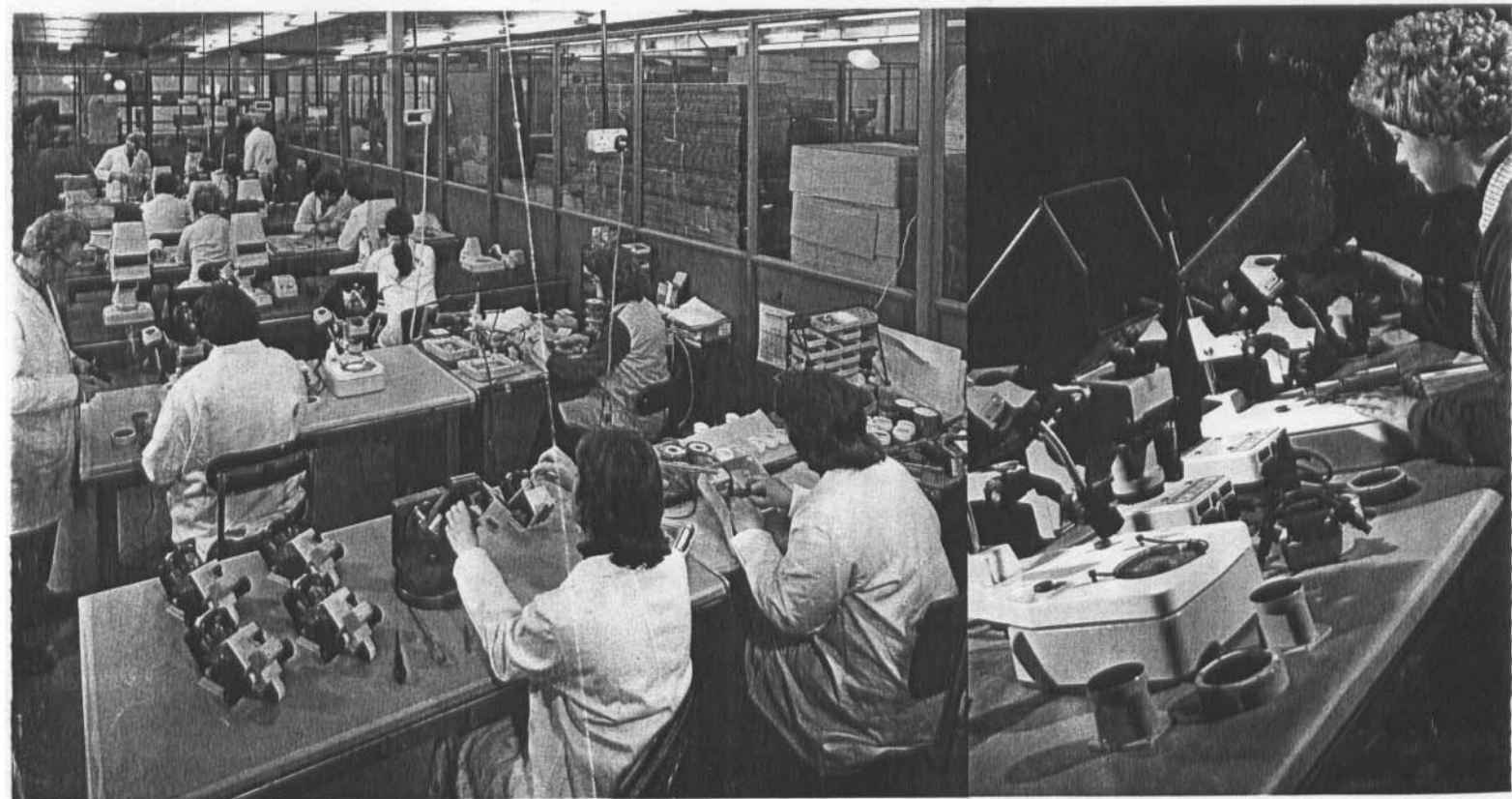


Wide range of attachments for regular or O.E.M. application.



Wide angle of field = $\frac{195\text{mm}}{\text{magnification}}$

For machine mount and O.E.M. applications send for supplementary data sheets giving interfacing details and dimensions.

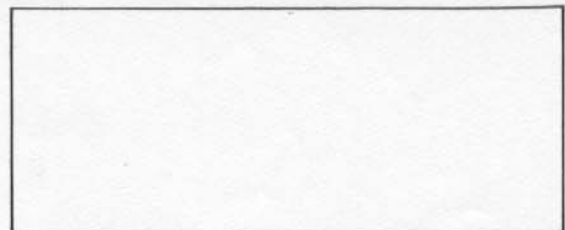


Vision Engineering Ltd.



**Design Council
Award 1974**

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