



MERLIN DIESEL SYSTEMS LTD

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TEST EQUIPMENT DIVISION

NR3B NEEDLE GRINDER

SPECIFICATIONS

CAPACITY:	Nozzle valves, laps upto 25mm diameter & 250mm long. (Use optional oversize V-blocks for diameters in excess of 7mm)
OPERATIVE ANGLES	44° to 106° with attachments 14° to 136°
ACCURACY OF ANGLE:	1" of included angle
GRINDING HEAD:	Instantly replaceable cartridge type extra precision grinding wheel spindle
MOTOR:	1/3 hp (.25 Kw)
SPINDLE SPEED:	4000rpm
WORK SPINDLE SPEED:	150rpm
WORK-HEAD:	Swivels through 180°. Rubber friction drive of needle valve, adjustable from spindle back plate. Slides and bearings are fully adjustable
ANGLE SETTING:	Comprises V-block anvil mounting and dial gauge angle adjustment
CHUCK:	0-13.5mm capacity. (General purpose, e.g. nozzle lapping)
MAGNIFIER/LIGHT:	Provides clear view of contact between the lap and grinding wheel

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