

Manufacturers of Diesel Fuel Injection Test Equipment and Suppliers of Spare Parts

## MERLIN DIESEL SYSTEMS LTD

Bradkirk Place, Walton Summit Centre Preston, Lancashire PR5 8AJ, England

Tel: +44 (0) 1772 694180 Fax: +44 (0) 1772 314565 E: equip@merlindiesel.com W: www.merlindiesel.com

## TEST EQUIPMENT DIVISION

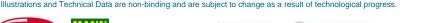
## Autolap 200



The Merlin Autolap 200 is an injector nozzle seat honing machine which dispenses with time consuming hand lapping methods of nozzle reclamation.

- Range of application: Automotive through to Marine 'S', T, U' & 'V nozzle sizes
- Separate large start button
- Honing tools and tips interchangeable with other manufacturers tools and tips
- Simple and speedy drive belt tension adjustment
- Reduction in labour content of injector reconditioning
- Repeatable results under controlled conditions
- No special skill required to operate machine























## **TECHNICAL SPECIFICATION**

The Merlin Autolap 200 is an injector nozzle seat honing machine which dispenses with time consuming hand lapping methods of nozzle reclamation.

A wide range of re-dressable honing tools, with replaceable tips, are available to service most nozzle sizes from 'S' through to 'V.

These tools are positioned in a self centering automatic chuck during the re-seating operation, on completion of which the drive to the chuck automatically disengages, allowing nozzle removal for inspection purposes.

A variable timer control allows for honing periods of up to 7 minutes in 10 second steps. The timer control can be interrupted and re-started during any pre-set period.

Honing tools may be redressed on the Merlin NR3B Servicemaster nozzle reconditioning machine using dressing tool Part No. B8293/1 and nozzles can be tested on the Merlin S31 or S400 range of injector testers.

Standard Acce T023-001 T023-008 T023-009 T023-010	essories 'S' size short and long stem adaptor Short weight Long weight Cutting fluid 5 litres	Stone Tips T024-035 T024-036 T024-037 T024-038 T024-039	T024-005, 009, 012, 024, 025 T024-001, 006, 007 T024-004, 014, 015 T024-008, 017 T024-010
Optional Accessories (Shaft/Tip Assemblies)		T024-040	T024-011
T024-001	Sulzer RD 90/96	T024-041	T024-013
T024-002	MAN 11mm	T024-042	T024-016
T024-003	MAN	T024-043	T024-022
T024-004	6mm S/Stem 'S' size	T024-044	T024-002
T024-005	6mm L/'S' size	T024-045	T024-018
T024-006	Leyland Late Type	T024-046	T024-020
T024-007	4.5mm L/Stem Ambac	T024-047	T024-021
T024-008	10mm L/Stem 'U' size	T024-048	T024-023
T024-009	6mm Bosch/Fiat		
T024-010	5mm S/Stem 'S' size	Optional Accessories (Adaptors)	
T024-011	Gardner LW	T023-002	'T' Size Short Stem
T024-012	Gardner LX	T023-003	American Bosch/Bosch 'P'
T024-013	6mm S/Stem 'T' size	T023-004	'V 'Size
T024-014	8mm L/Stem T' size	T023-005	'U' Size
T024-015	7mm S/Stem 'T' size	T023-006	Leyland/Gardner
T024-016	8mm S/Stem 'U' size	T023-007	Gardner
T024-017	10mm'U'size		
T024-018	12mm L/Stem 'V size		
T024-019	4mm L/Stem 'P' size		
T024-020	Pielstick PC2		
T024-021	Sulzer RD 90		
T024-022	Sulzer RD 56		
T024-023	Pielstick PC3		
T024-024	5mm L/Stem 'S' size		
T024-025	5.5mm L/Stem 'S' size		
T024-028	16MM L/Stem 'V' size		

**ELECTRICAL SPECIFICATIONS** 

100/120v - 1 - 50/60HZ 220/240v - 1 - 50/60HZ

DIMENSIONS 356 x 495 x 775mm (14" x 19.5" x 30.5")

WEIGHT: 80kg (176 lbs)

SHIPPING SPECIFICATION

Dimensions:

483 x 610 x 889mm (19" x 24" x 35")

Gross weight: 95kg (209 lbs)