

HARTRIDGE SABRE CRi SERIES

WITH TEST PLAN OPTION

Merlin are pleased to offer the Hartridge Sabre CRi Master & CRi Expert Compact All Makes Common Rail Injector Test Series. We would also like to make you aware of our Test Plan Request Service.

Aimed at independent diesel workshops that demand the highest standards to conduct the most accurate and comprehensive tests possible.

Sabre Overview

Usability

- Comprehensive language support / Simplified tooling
- Supporting the technician with easy-to-use products
- On screen videos, diagrams and user prompts

OE Heritage

- Over 80 years of 'ground up' design best-practice
- OE partnerships: Delphi, Denso, Continental, Cummins, CAT, Stanadyne

Innovation

- Many patented designs
- Cutting edge Engineering principals
- Focus on entire customer ownership experience

Flexibility

- Pay for advance functions only when needed
- Modular design for simple upgrades when required
- Support services direct to machine



For more information and to download the Hartridge Brochure please click [HERE](#)

Modular & Upgradeable

- **magmah^{Touch}** software optimised for usability & functionality
- Standardised chassis and sheet fabrications
- 70% of internal parts common to all machines
- Designed to be upgradeable – e.g. pump and motor
- Windows 10 touch screen app – flexible, connected, plug-ins
- Intelligent, high performance temperature management
- Patented Closed-Loop technologies

Key Features

Feature	Sabre Expert	Sabre Master
Rail Pressure	1-2700 bar	1-1800 bar
Injection Speed	120-3000 inj/min	120-3000 inj/min
Pulse width	0-4000 µs	0-4000 µs
High Pressure Flow	1050-250 cc/min	650-250 cc/min
Backleak Flow	0-1800 cc/min	0-290 cc/min
Hydraulic Fluid Cooling	Upgraded oil-to-air heat exchangers x3	oil-to-air heat exchangers x3
Metering filtration	60µm	60µm
Backleak filtration	7µm	60µm
Tank filtration	2µm	2µm



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MERLIN TEST PLAN CREATION OPTION 2023

Merlin Diesel are pleased to announce our brand new Test Plan Service.

The Hartridge Sabre Series comes complete with over 300 Free test plans covering all the major manufacturers including:

- Bosch
- Delphi
- Continental
- Denso
- PurePower

To see the range of test plan part numbers we offer please click [HERE](#)



At Merlin, we realise a variety of part numbers you may encounter may fall outside this range of data, and as a result have implemented a dedicated Test Plan Team to keep your workshop running smoothly and customers on the road.

You can simply request a test plan, and for a small fee we will have it to you in no time.

If we do not stock the part number we will purchase the required unit and produce the test plan, giving you peace of mind that your overheads will stay low and you will have the data you require.

Whether it's for the Hartridge Sabre Series, the HK 1400 Expert, or alternative injectors, we've got you covered.

Merlin can now complement our Test Plan Creation Service with the S1000 Coding Software Solution we offer for the Hartridge Sabre Series.

The software enables the user to create C2i/C3i, QR and Bosch IMA correction codes and covers Euro 3,4,5 and we are extending our coverage to Euro 6.

We are also now offering a **FREE TRIAL** on our Coding Software to further benefit our customers, helping you make the right choice.

For more information on our S1000 Coding Software and our **FREE TRIAL** offer please click [HERE](#)

