

## The Cardalog-P Data Recorder

### Product description

The data recorder system described here is designed for measurements in the areas of road tests, engine, transmission and powertrain applications and troubleshooting for endurance tests in which the main focus is on the analysis and classing of particular, in some cases rare events.

Given the weight and size of the system, the vehicle types in question range from motorcycles to heavy goods vehicles as well as all other forms of transport.

CARDALOG is a miniaturised, mobile data recorder for vehicle measurement tasks. The storage medium used is a compact ATA Flash card, (SAN disk), which has proved reliable even under extreme conditions of use. An

integrated loop recorder is event-triggered and features a pretrigger function.

If needed, the sampling rate of all channels can be switched over to a freely-selectable alternative value – also on an event-triggered basis – in order to allow certain events to be recorded with the necessary number of samples.

User-friendly Windows analysis software with interfaces to already-introduced software tools and PC communication via standard interfaces allow the system to be adapted quickly to the required measurement task.

