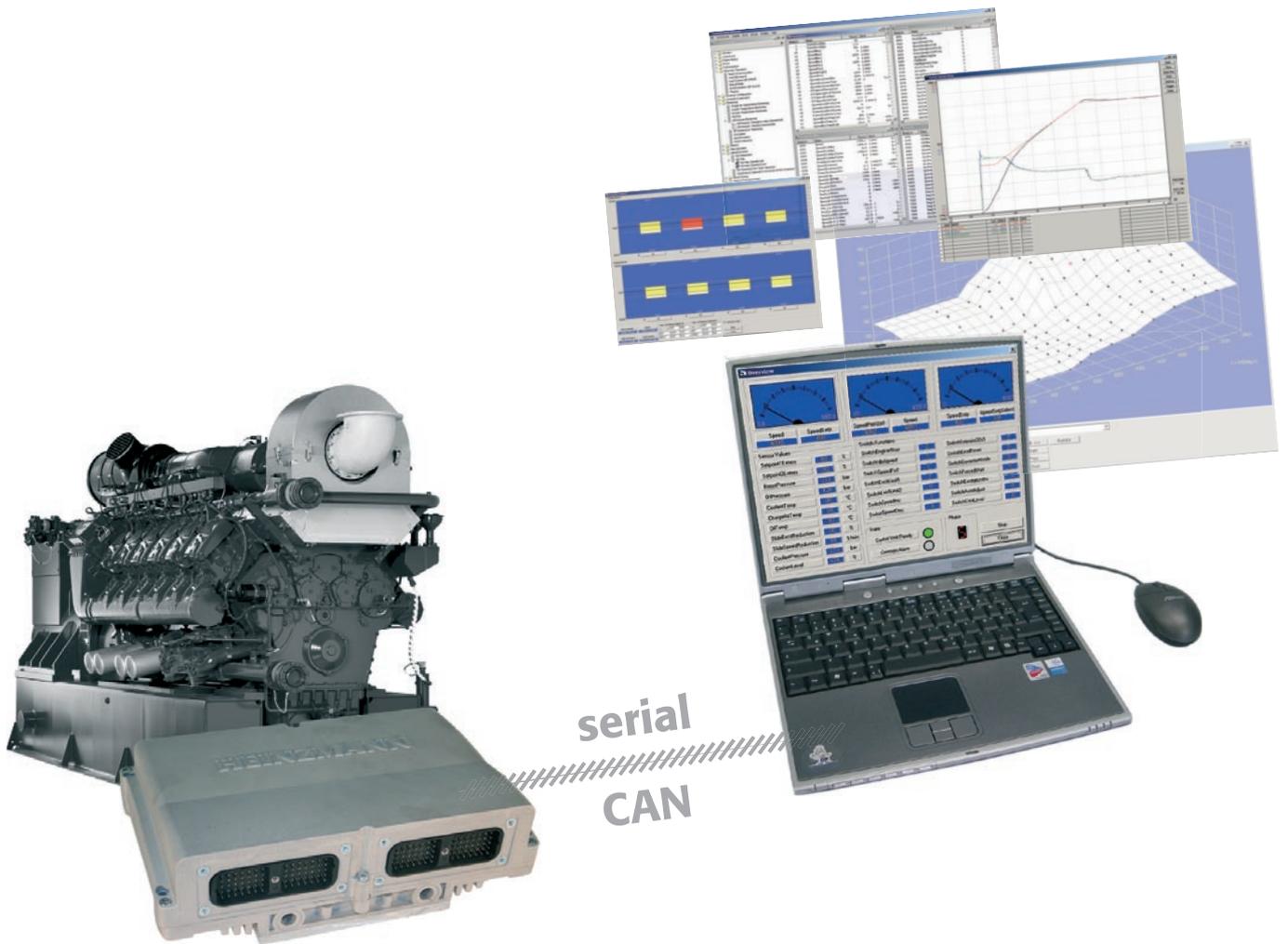


# DcDesk 2000

The PC program for digital HEINZMANN systems



- ✓ Parameterization
- ✓ Visualisation
- ✓ Diagnosis



## Benefits of DcDesk 2000

The HEINZMANN PC program DcDesk 2000 can be used with any of the digital HEINZMANN systems, such as speed governors, magnetic valve systems, generator set controls and wheel chair controls, to adjust and view operational data. Thanks to its design as a Windows® program, it offers all numerical and graphical features required for testing, configuration, commissioning and servicing.

DcDesk 2000 also offers a print out of its displays and recording of data to disk. Data is recorded in spreadsheet compatible format for further processing and incorporation into reports, etc.

Using DcDesk 2000, the parameters of any connected device may be adjusted (online) and the system's response may be observed. It is also possible to adjust parameters with the device disconnected (offline) and to download the data set into the device later on. All settings and adjustments can be stored on floppy or hard disk and in addition can be printed out. Characteristics and characteristic maps are represented and printed two-dimensionally or three-dimensionally, respectively.

- ✓ **Graphical representation of up to ten measured values in relation to time**
- ✓ **Graphical representation of nine measured values in relation to a tenth one**
- ✓ **2D display of the current operating point in a characteristic**
- ✓ **3D display of the current operating point in a characteristic map**
- ✓ **Visualization of injection start and injection duration for magnetic valve systems**

## Overview



Overview of the principal measured values and switch positions.

## Selection, Measurement, Parameter



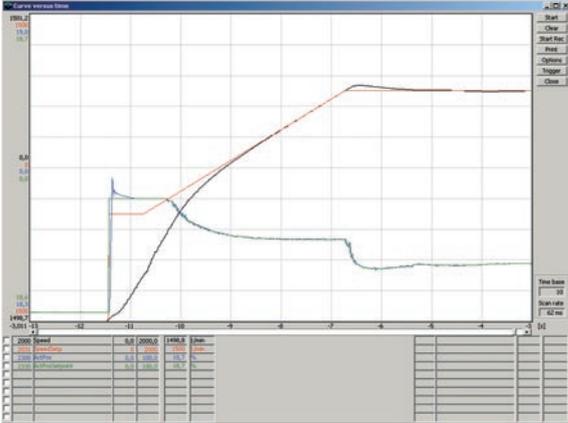
Category	Name	Value	Unit	Status
Switch	Switch1	0	1/0	OK
Sensor	Speed	1500.0	1/min	OK
Motor	Motor1	0	1/0	OK

Parameterization of digital HEINZMANN systems.

# DcDesk 2000

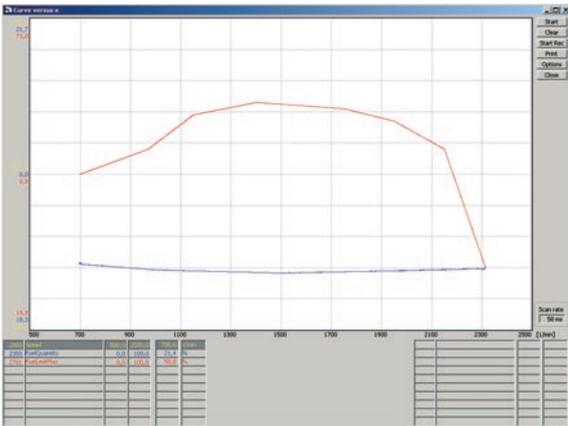
The PC program for digital HEINZMANN systems

## Curve versus time



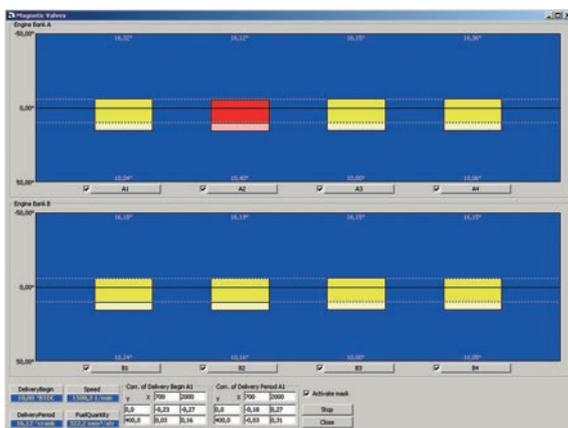
Representation of measured values vs. time. Up to ten measurements may be displayed simultaneously.

## Curve across X



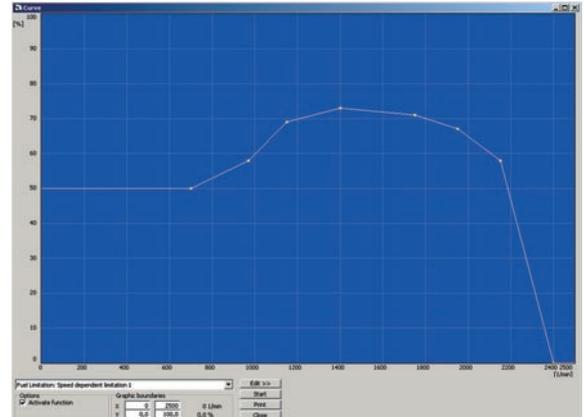
Representation of curves Y vs. X. As a maximum nine curves can be displayed simultaneously.

## Magnetic valves



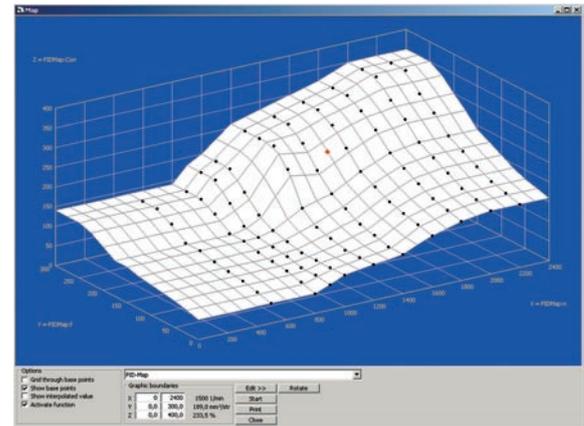
Visualisation of injection timing and injection duration for magnetic valve technology.

## Characteristic



Programming curves, e.g. speed dependent fuel limitation, boost pressure dependent fuel limitation, oil pressure monitoring.

## Characteristic map



Programming characteristic maps using 3D representation, e.g. characteristic map of injection duration for magnetic valve systems, PID map, characteristic map of injection pump.

## System Requirements

- Operating system: Windows® 98 SE®, Windows® NT®, Windows® 2000® and Windows® XP® (Registered trademarks of Microsoft® Corporation)
- Intel® Pentium®-PC (300 MHz or higher recommended)
- 32 MB RAM (64 MB recommended)
- 30 MB free hard disk memory

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## **Selection of HEINZMANN products**

### **Wide range of digital and analogue control units**



### **Different sized electrical actuators for 1Nm up to 500 Nm**



### **Electronic fuel control system (EFI) - control units from 4 cyl. up to 20 cyl. engines**



### **Range of analogue and digital generator management units**



### **Gas engine management**



### **Common rail systems**



### **Sensors & solenoids**



### **Digital control systems for gas turbines**



### **Hydraulic governors & actuators**



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