

## Digital test and datalogging equipment

### MultiSystem 8050

#### Equipment and features

Display	10.4" color-TFT, VGA (MultiSystem 8050)
Interfaces	USB 1.1 / FS device, RS232, Centronics, CAN, LVDS
Power supply	Power pack (24 VDC / 2 A)
Sensor power supply	18 V / 100 mA
Casing	Steel sheets with impact protections
Dimensions (L x W x H)	~ 310 x 254 x 60 mm
Weight	~ 3.1 kg (MultiSystem 8050)
Protection type	IP 40
Operation temperature	0 ... 40 °C (MultiSystem 8050), 0 ... 60 °C (MultiControl 8050)
Storage temperature / relative humidity	-20 ... +60 °C / 0 ... 80% r.H. (not condensing)

#### Ordering Information

	Power pack with adaptors	USBcable 2.0 m	Data CD	
MultiSystem 8050	Ⓢ	Ⓢ	Ⓢ	3160-00-65.00
MultiControl 8050	Ⓢ	Ⓢ	Ⓢ	3160-00-66.00
MultiPanel 8050 (8 displays)	Ⓢ	Ⓢ	Ⓢ	3165-11-01.00
MultiPanel 8050 (16 displays)	Ⓢ	Ⓢ	Ⓢ	3165-11-02.00

Versions with 14 CAN channels on request

#### PC software options

Firmware update	HYDRObot	Ⓢ	8874-00-06.01
Instrument remote configuration	HYDRolink	Ⓢ	8874-00-07.01
Instrument remote operation			
Execute online measurements	HYDRocom	Ⓢ <sup>1</sup>	8874-13-01.02
Download measurement data			
Evaluate and present measurement data			
Program measurement procedures	HYDRogen	Ⓢ	8874-01-01.55
Execute measurement procedures	HYDRorun	Ⓢ <sup>2,3</sup>	8874-01-01.55

1: 3 licenses HYDRocom Standard

2: only for procedures in the instrument; PC software not contained

3: a license code is required to load new procedures into the instrument

#### Accessories

Table-top power pack	110/240 VAC, 50/60 Hz – 24 VDC/630 mA	8812-00-00.27
Car power supply	12 VDC – 24 VDC; cable length 5.0 m	8824-79-05.00
Connection cables	Linkage of two MS/MC 8050	8824-F2-00.50
	PC connection for firmware update	8824-F8-01.50
Protection bag	Nylon, black, front transparent film	8875-01-06.00
Transportation box	Aluminium, red	3160-00-65.03

## Software

### HYDROcom 6 Analysis Software

#### The new standard for measurement data analysis

HYDROcom 6 is the powerful analysis software provided with all datalogging instruments. Improvements have been made to useability with intuitive Windows explorer style menus and easy drag and drop operation. Analysis, editing and file management is made easy in a user friendly environment making test evaluation and reporting simpler and more powerful than ever before.



- Windows explorer based file viewer
- Transfer, import, export data measuring
- Drop & Drag measurement files
- Evaluate, edit, present measurements
- Line diagrams, tables, histograms,
- Execute online measurements
- Create reports and test protocols
- Modern, use -friendly program surface
- Overlay tests top of each other for comparison analysis

#### HYDROcom 6 comes in 3 versions

Version comparison	Basic	Full	Professional
HYDROcom Explorer	🕒	🕒	🕒
Search function	x	x	🕒
Save presentation	x	🕒	🕒
Viewer: number of layout sections	1	6	24
Line diagram: number of channels	12	12	24
Format / smooth / move / use elements	x	🕒	🕒
Spot / difference spot	x	🕒	🕒
Difference measuring lines / classifications	x	x	🕒
Histogram: number of bars	x	4	8
Table: number of columns	3	13	25
Texts / pictures	x	🕒	🕒
Configuration files	x	🕒	🕒
Connect instrument / transfer measurements / online measuring	🕒	🕒	🕒
Online measuring: analog (gauge style) / bargraph / mini-app	x	x	🕒
Device information / device list	x	🕒	🕒
Data exchange in txt- / csv-format	x	🕒	🕒
Data exchange in xml-format	x	x	🕒
Software module, Report'	x	x	🕒

#### Options & Ordering Information

HYDROcom 6 Professional (3 licenses)	8874-19-01.01
HYDROcom 6 Full (3 licenses)	8874-19-01.02
HYDROcom 6 Basic	8874-19-01.03
Upgrade HYDROcom 6 Full to Professional (3 licenses)	8874-19-02.01
HYDROcom 6 Professional (15 licenses)	8874-19-03.01
HYDROcom 6 Full (15 licenses)	8874-19-03.03

## Software

### HYDR0gen & HYDR0run Operator Software

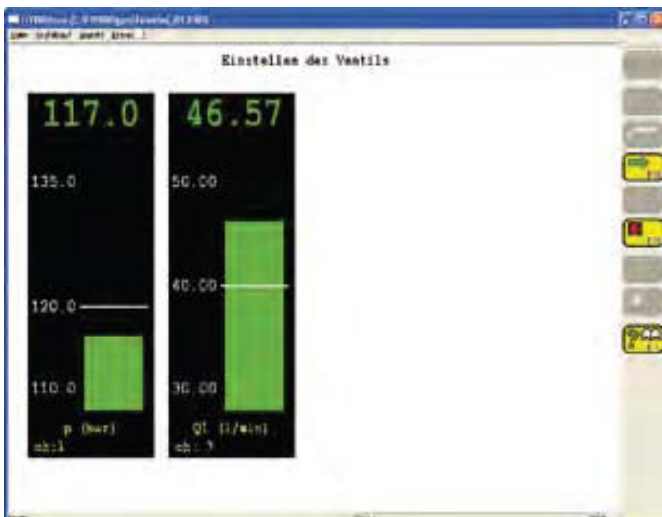
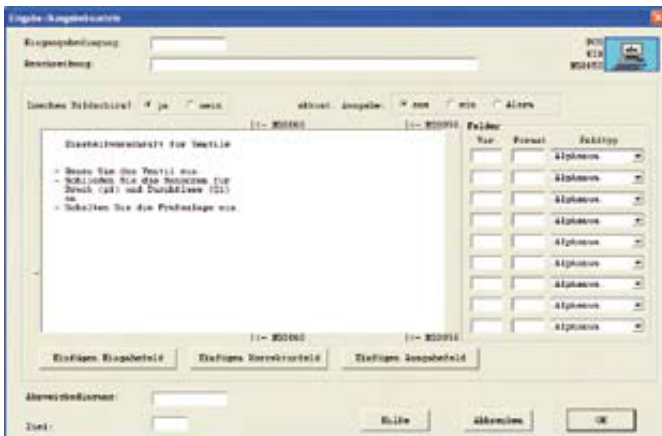
HYDR0gen & HYDR0run is a software program that can be integrated into 5060 or 8050 units allowing for bespoke test programs to be written according to customer requirements. Test steps can be written allowing for graphical representation of medium or component test procedures with pass/go or failure protocols allowing fast and error free testing for operators or engineers.



#### HYDR0gen

- Comparing and test sequences
- Standardising tasks
- test specifications and norms
- Evidential identification of measurements
- Execution via instrument or via PC
- training requirement

Single user license	8874-01-01.55
Compatible with	MultiSystem 8050
	MultiControl 8050
	MultiSystem 5060



#### HYDR0run

- Execution of HYDR0gen test sequences
- Self-explanatory program surface
- Compatible with many operation systems

Single user license	contained in HYDR0gen
Compatible with	MultiSystem 8050
	MultiControl 8050
	MultiSystem 5060