HYDROTECHNIK

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DIAGNOSTIC TEST EQUIPMENT

HYDROTECHNIK DIAGNOSTIC TEST EQUIPMENT: INNOVATIVE TECHNOLOGY YOU CAN COUNT ON

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Product Manager
DIAGNOSTIC TEST EQUIPMENT

**Using innovative solutions
to set industry trends**

To keep your hydraulic system running
smoothly, you need to constantly monitor
pressure, temperature and flow.
Recording data gives you a base point
from which to evaluate your test results.

Hydrotechnik carries a broad range of diag-
nostic equipment that interfaces with professional software, making it the perfect tool to use in your
condition monitoring process. Our testing equipment can be used with both mobile and stationary
systems. Users can select from systems that operate anywhere from two to forty channels. Our
equipment can record manually or via triggered values (in other words, data collection is only star-
ted when certain values meet the test criteria or when certain conditions are met). Our equipment
also allows you to safely and easily transfer data in real-time, using a wireless connection.

Hydrotechnik's diagnostic test equipment allows you to easily display your data in graph format,
create test protocols or display testing and sampling specifications. No programming knowledge
is required!

Our equipment is user-friendly and easily adaptable to any configuration, letting you record
virtually any number of variables. We have user-friendly devices for every situation, from basic
models to mobile devices that do it all.

HYDROTECHNIK DIAGNOSTIC TEST EQUIPMENT: A FAMILY BY DESIGN

The ultimate diagnostic solution!

- No more standalone devices
- Tailored to meet your specifications
- Compatible with your system
- Adaptable to any configuration
- Lets you add on to existing test devices
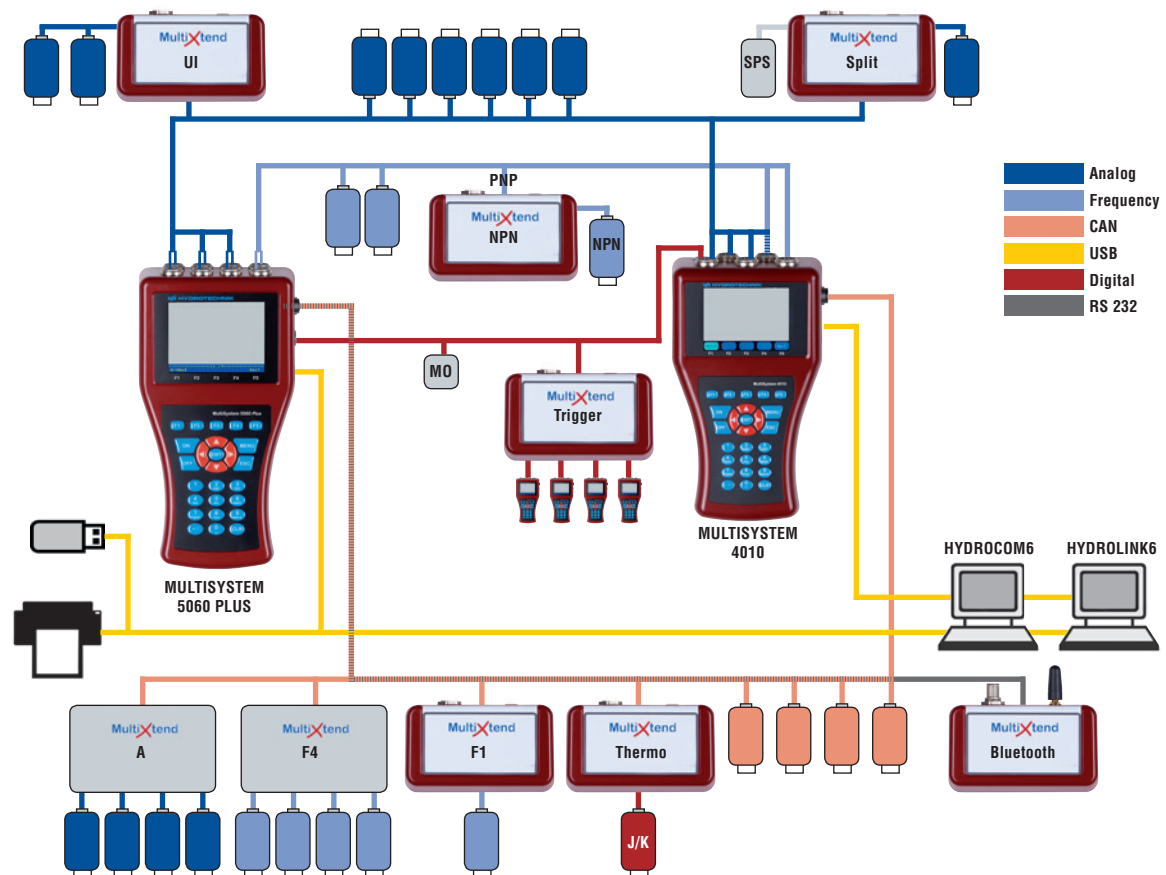
A sound investment

- We have diagnostic test equipment for any task
- Only buy what you need
- Need to scale up? No problem!
- Single source technology means no compatibility issues
- Compatible with other systems & sensors

Invest for the future

- Free firmware updates
- Open architecture makes upgrading easy
- Calibrate the equipment to meet your needs
- Robust and long-lasting

A partner you can count on

- We have 50 years of market presence
- Our expertise is industrial diagnostic technology
- Research and development are our focus

MultiXtend UI

MultiXtend Split

SPS

PNP

MultiXtend NPN

NPN

Analog
Frequency
CAN
USB
Digital
RS 232

MO

MultiXtend Trigger

MULTISYSTEM 5060 PLUS

MULTISYSTEM 4010

HYDROCOM6　　HYDROLINK6

MultiXtend A

MultiXtend F4

MultiXtend F1

MultiXtend Thermo

MultiXtend Bluetooth

J/K

INTRODUCING OUR LINE OF PROFESSIONAL DIAGNOSTIC TEST EQUIPMENT

MULTI HANDY 2025

- 2 channels (switch between analog channels)
- 1 dedicated channel for calculations, i.e. differential pressure or output
- Memory capacity: run up to 5 measurements, with up to 120,000 readings per run
- 2.5" LCD display (optimized for outdoor use)
- 10 hour battery life
- Run a wide range of industrial tests
- User-friendly ISDS plug and play
- Comes with HYDROcom6 BASE / HYDROlink6 BASE software
- Test kit is configurable with various pressure sensors

MULTI HANDY 3020

- 3 channels (2 analog; 1 frequency input)
- 1 dedicated channel for calculations; i.e. differential pressure or output
- Memory capacity: run up to 14 measurements, with up to 1,000,000 readings per run
- 2.1" LCD display
- 16 hour battery life
- Robust aluminum housing
- Comes with HYDROcom6 BASE / HYDROlink6 BASE software
- Test kits are configurable with various pressure, temperature and flow rate sensors as wll as other types
- Full kit comes with HYDROcom6 ADVANCED software

MULTI SYSTEM 4010

- 12 channels (3 analog; 1 frequency input; 1 analog/frequency input; 2 digital; 5 CAN channels)
- 5 programmable channels, for CAN, "Patrick" (particle counter), and various calculations, i.e. differential pressure or output
- Memory capacity: run up to 100 measurements, with up to 1,000,000 readings per run
- 3.5" TFT LCD color screen lets you display line graphs and zoom in
- 6 hour battery life

Introducing our high end diagnostic test equipment

- Includes HYDROcom6 ADVANCED / HYDROlink6 BASE software
- Test kits are configurable with various pressure, temperature and flow rate sensors as well as other types

WE HAVE SYSTEMS THAT DO IT ALL!
FROM MOBILE EQUIPMENT TO
HIGH END SYSTEMS

MULTI SYSTEM 5060 PLUS

- 24 channels (6 analog (2 are high speed); 2 frequency input; 2 digital; 14 CAN channels)
- 14 channels, for CAN, "Patrick" (particle counter), and various formulas and calculations
- Memory capacity: run up to 200 measurements with up to 2,000,000 readings per run
- 4.1" TFT LCD color screen lets you display line graphs and zoom in
- 8 hour battery life

the mobile solution that does it all!

- Supports automated test processes
- Wireless Bluetooth data transfer
- Can measure viscosity compensated flow
- Comes with HYDROcom6 ADVANCED / HYDROlink6 BASE software
- Test kits are configurable with various pressure, temperature and flow rate sensors as well as other types
- Test kit includes HYDROcom6 ADVANCED software

MULTI SYSTEM 8050

- 40 channels (12 analog (2 are high speed); 2 analog output; 4 frequency input; 8 digital; 14 CAN channels)
- 14 programmable channels, for CAN, "Patrick" (particle counter), and various formulas and calculations
- Memory capacity: run up to 200 measurements, with up to 6,000,000 readings per run
- 10.4" TFT color touch screen lets you display line graphs and zoom in

High End diagnostic test systems

- Supports automated test processes, including, for example, activating pumps or valves
- Works with your proportional control system to collect data
- Includes HYDROcom6 PROFESSIONAL / HYDROlink6 BASE software
- Black box model has no display, but has the same properties and operated via HYDROlink6 ADVANCED software for use with PCs or laptops.

ADD-ONS

PATRICK

The particle
monitor measures
contamination levels as well
as fluid purity, allowing you to more accurately schedule
maintenance and repairs, thereby reducing down time.
Patrick can be used as a stand-alone unit or as an integral
part of your diagnostic test equipment.

SEG 1060

SEG 1060 is a single-channel
diagnostic test device that can be built
into your control panel and is available with either analog
or digital output. It works with Hydrotechnik's sensors as
well as standard sensors and can easily be built into your
system. It has a large, digital display, just four buttons, and
an easy-to-use interface.

MULTIXTEND

The MultiXtend line of products consists of handy add-
ons that complement and add to the functionality of your
Hydrotechnik diagnostic test equipment. With MultiXtend
units, you can add sensors with analog or frequency input
signals, test electrical current, or add thermocouples.
MultiXtend increases the diagnostic power of your test
equipment.

MultiXtend Bluetooth
This product consists of two units, the MultiXtend device
and a data stick, which allows you to connect wirelessly
to a MultiSystem 5060Plus and a PC or laptop. The signal
is detected automatically, as soon as both devices have
been switched on. The maximum range is between 150 m
and 200 m.

MultiXtend UI allows you to transform
voltage and current to the standardized
signal (0 … 20 mA), used by most of
the Hydrotechnik diagnostic test devices.
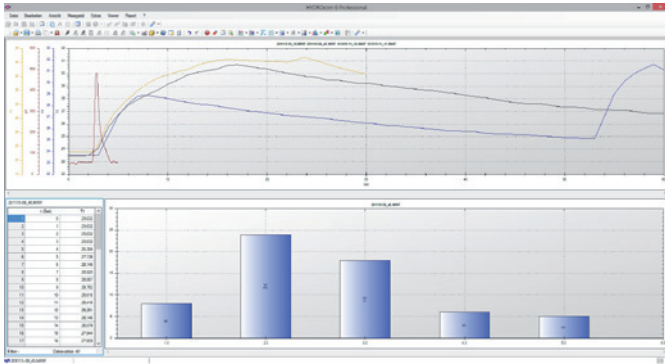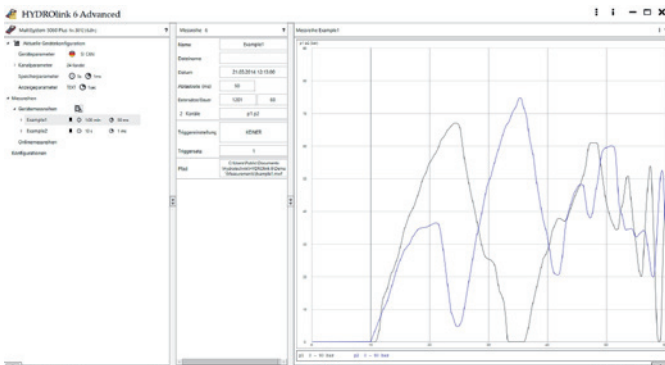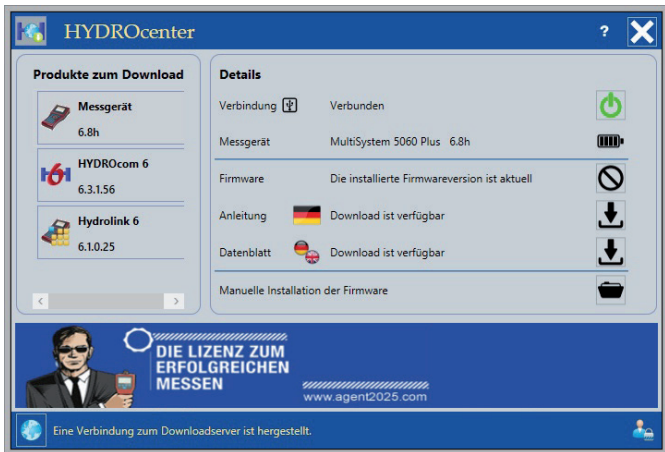It comes equipped with a switchable filter for
PWM signals.

Range:
- ■ MultiXtend UI ±30 VDC / ±2A DC
- ■ MultiXtend UI ±60 VDC / ±4A DC

For technical specifications, data sheets and installation tips please refer to www.hydrotechnik.com

HYDROcom6

HYDROlink 6 Advanced

HYDROcenter

SOFTWARE

Hydrotechnik develops its own software, designed to be used with Hydrotechnik diagnostic test devices to meet your test data evaluation needs.

HYDROcom6
With HYDROcom6 you can:
- Transfer, import and export data
- Evaluate, analyze and process data
- Transform your data into graphs, tables, histograms
- Create test reports, test protocols or quality control reports
- HYDROcom6 BASE is free with the purchase of any Hydrotechnik diagnostic test device or system

HYDROlink6
Use HYDROlink6 to:
- Run Hydrotechnik diagnostic test equipment on-site or remotely via your laptop or PC
- Access all test equipment functionalitytes

HYDROcenter
With HYDROcenter you can:
- Get firmware updates automatically
- Get software updates automatically
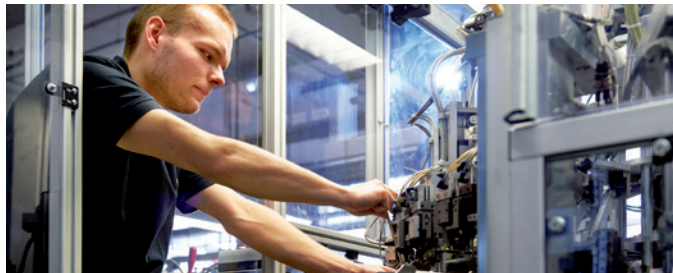- Access up-to-date user guides and technical data sheets

HYDROgen
HYDROgen's graphical user interface lets you
- program bespoke test runs, i.e. product series testing, standardized troubleshooting and maintenance tasks.
- No programming experience necessary.

HYDROrun
- Run programmed test runs created with HYDROgen
- Maintain testing procedures
- Control your test run

www.hydrotechnik.com

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