



WEBTEC PRODUCTS LIMITED

Product Update Winter 2004

During the past year we have kept you up to date with all the latest products and developments in our wide range of hydraulic components and test equipment. In this, our final product update of 2004, we focus on some of the applications of our products and the benefits they can bring to the hydraulic engineer.

Our range of HPM440/460 hand held dataloggers are ideal for condition testing mobile equipment both in service and in the field. With a robust design they provide an easy to use menu driven diagnostic test system. The HPM can also be used in conjunction with the new CT turbine flowmeter, including the latest 1 - 15 lpm model.

We have been working closely with AGCO, a leading agricultural machinery designer, manufacturer and distributor, to develop comprehensive service kits for the AGCO brands worldwide including Massey Ferguson, Fendt, Challenger etc.

Contents at a glance:-

- Webster Gear Pumps & Motors
- HPM440/460 Series Data Loggers
- HPM in Action
- Information Request Form
- Smithfield Special Offer

For more information on any of the featured products or any of our wide range of hydraulic test equipment and components please call us on:
01480 397400 or email sales@webtec.co.uk

The Webster range of motors and pumps have increased availability once again and are ideal for various mobile equipment applications including mower drives, fan drives and mining applications.

Finally, we would like to wish all our customers a happy Christmas and a prosperous New Year and look forward to working with you in 2005.



Webster Gear Pumps & Motors



HPM Portable Data Loggers



Webtec and AGCO

Visit us at Smithfield 2004



The UK's only all-encompassing agri-business event
Earls Court, London, 2 - 5th December 2004
Level 2 - Stand 572

For more information visit www.smithfieldshow.co.uk





Manufacturers of hydraulic components and test equipment for the mobile, industrial and agricultural industries



Smithfield Special Offer

Webster Gear Pumps & Motors Available Again

The original Webster design gear pumps and motors with over 25 years heritage had been suffering from limited availability over the past few years. We are pleased to announce that the following models are available once again. We have many piece-parts now in stock ready for assembly and test to meet your requirement. Some special variations can be supplied, please contact us with details.

Model	General Specification	Pump	Motor
B Pumps & Motors 	Material: High density cast iron Use: Suitable for mining and for use with water-glycol Straight keyed shaft NPT porting	1 - 10 cc/rev Max pressure: 241 bar Max speed: 3500 rpm	2.5 - 9.6 cc/rev Max pressure: 172 bar Max speed: 5000 rpm
YB Pumps & Motors 	Material: Aluminium Use: Lightweight & compact. Ideal for mobile machinery Straight keyed shaft BSP porting	2.5 - 12 cc/rev Max pressure: 172 bar Max speed: 4000 rpm	4.8 - 12 cc/rev Max pressure: 172 bar Max speed: 5000 rpm
YC Pumps & Motors 	Material: Aluminium Use: Lightweight & exceptionally compact. Straight keyed shaft BSP porting	12 - 32 cc/rev Max pressure: 210 bar Max speed: 3000 rpm	12 - 32 cc/rev Max pressure: 172 bar Max speed: 5000 rpm
KB Pumps & Motors 	Material: Aluminium Use: Lightweight & exceptionally compact. Straight keyed shaft SAE O-ring ports	0.86 - 3.88 cu.in/rev Max pressure: 207 bar Max speed: 3000 rpm	1.29 - 3.88 cu.in/rev Max pressure: 172 bar Max speed: 2500 rpm

Matbro 'KB' P19196 replacement pumps

Model: 237YDA20B3-R12.5

Webtec P/N 39194T1983, Available with / without flow divider and flange

HPM440/460 Series Data Loggers



HPM460 portable data logger

The Webtec range of HPM440/460 series data loggers provide an accurate, economic and user friendly solution for servicing and commissioning hydraulic systems.

Why do I need to test my system?

Preventative system maintenance can help to avoid costly and inconvenient system failures. The HPM can be used to check that all components are functioning correctly and pinpoint problems e.g: flow loss, overheating, pressure spikes and component wear.

Why use the HPM 440/460 series?

The user friendly rugged design is highly portable and can be either hand held or used as a desk top unit. The HPM series can be used to measure flow, pressure, temperature and speed as well as other analogue signals (mA or V). Kits can be assembled to meet your specification including adaptors, test hoses, and carry case.

The CT-SR series of turbine flow meters have been designed specifically for use with the HPM 440/460 series and include sensor recognition capability and built-in signal conditioning.

HPM 440/460 key features:

1. Automatic sensor recognition (for any Webtec sensor) - no need to spend time on configuration each time.
2. Large display - monitor up to 6 inputs simultaneously.
3. Digital display of flow, temperature, pressure, peak pressure and differential pressure with graphical representation of results.
4. Battery powered (rechargeable battery as standard)
5. Communication port allows transmission of data stored in memory or direct 'on line' to a PC using HPM comm software.
6. HPM-Win software runs on all Windows platforms providing the user with a powerful graphical display, analysis and reporting tool.



CT-SR turbine flow meters key features:

1. Bi-directional flow - safe to use in both directions of flow.
2. Nine flow meters covering the range 1 - 750 lpm to suit all applications.
3. Additional top ports to allow temperature and pressure sensors to be easily installed.
4. Full range of accessories available.
5. Flow meters available with or without loading valve.

HPM in Action

Webtec & AGCO



Picture reproduced with kind permission of AGCO

Webtec have been working closely with AGCO, the leading agricultural machinery designer, manufacturer and distributor, to develop comprehensive service kits for their service engineers and dealers.

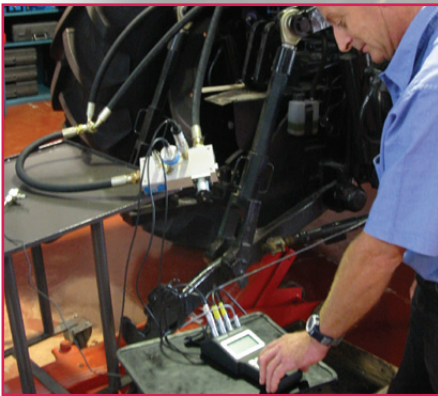
The HPM project is one example of how Webtec works with its customers to meet their specific needs.

Webtec have worked closely with AGCO to design a range of specialist hydraulic service tools covering the complete range from low cost pressure test kits through to hydraulic data logger kits for more complex systems.

The kits have been designed to be as flexible as possible with a key criteria being the wide flow range & comprehensive range of adaptors.

The HPM460 portable data-logger is ideally suited to field testing and connects easily to a service engineer's laptop via a USB port and comes complete with the HPM comm suite of Windows software.

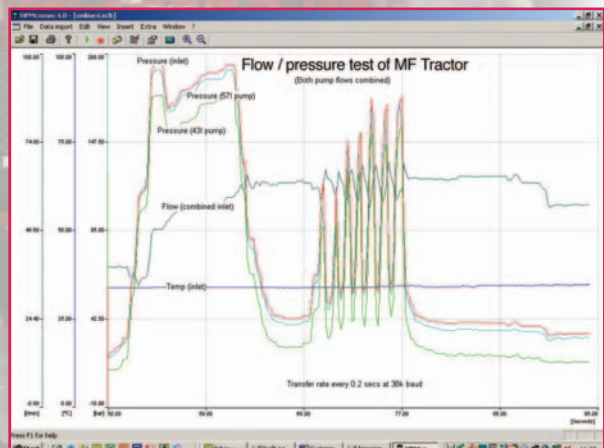
Here you can see a 300 lpm flow meter with built-in loading valve (CT300R -SR) as well 3 pressure and 1 temperature sensor connected into a tractor with results shown on the HPM460.



The built-in loading valve makes it easy for one person to run the test by themselves and progressively load the pump while measuring the flow, pressure and temperature changes. The changes are logged by the

HPM460 against time and the test can either be manually started or, in the case of an intermittent fault, triggered by a rise or fall in the reading from a sensor.

The data is saved on the HPM and can be viewed on screen. If necessary the data can then be quickly copied onto the laptop via the USB port for further analysis and graphing or easily sent to head office or a product specialist by email for their comment.











Fax Back

For further information on any of our featured items or on any aspect of our product range please fax this form back to us indicating your requirements.

Please send me additional information on:

-  HPM range of hand held dataloggers
-  Webster Gear Pumps & Motors
-  Webtec Stand at Smithfield 2004
-  CT Flowmeters
-  Please reserve me a copy of your 2005 Illustrated Price List and CD-ROM

Please contact me to discuss my requirements for:

-  Webtec Hydraulic Components
-  Webtec Hydraulic Test Equipment

Fax back this form to **01480 466 555**

Name: _____

Company: _____

Position in Company _____

Address: _____

Telephone _____

Fax: _____

email: _____



Webster Gear pumps & Motors Available Again



Product Update Winter 2004

Special Offer for Visitors to Smithfield 2004

Visiting Smithfield 2004, the all-encompassing agri-business event at Earl's Court, London on 2 - 5 December? Then bring this advert to our stand, 572 on Level 2, to benefit from the following special offer.

RFIK Reversible Flow Indicator



- Measures flow, pressure & temperature
- Up to 420 bar (6000 psi) 120 lpm or 180 lpm
- Allows reverse flow
- Ideal for testing valves, cylinders & pumps on mobile machinery

PT100 Pressure Test Kit



- Complete test system for rapid pressure testing
- Kit contents: 4 gauges, 2 hoses (2m), 4 test points, 4 adaptors, steel carry case
- Panel mounted gauges for ease of use when carrying out pressure checks

Buy both for only £799*

**Conditions: above offer is only valid on orders placed for both a RFIK tester (either 120 lpm or 180 lpm model) and PT100-4 pressure test kit at Smithfield 2004; price excludes vat and is ex-works, Webtec, St Ives.*



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Certificate No.8242

Webtec Products Limited reserve the right to make improvements and changes to the specification without notice.