



WEBTEC PRODUCTS LIMITED

Product Update Autumn 2005

Welcome to the Autumn 2005 update.

Webtec's recent new product releases are proving popular with our customers as they provide practical and efficient solutions for all hydraulic testing applications. The new DHM403 Digital Multimeter is now fully in production and with the ability to measure six key parameters simultaneously it is an invaluable tool for the hydraulic service engineer. At the recent Hillhead exhibition the DHM403 attracted a great deal of interest. With the latest model of the HPM hand-held datalogger system also about to be launched (see page 4), Webtec continues to provide the latest solutions in hydraulic system maintenance.

Does your application require measurement of low flow ranges? The Webster CT15mA and DP130 are designed to maintain accuracy even with lower flow rates. They provide an accurate and convenient solution for test stand applications - see inside for further details.

Finally, don't forget that Webtec Products can also provide solid solutions to your hydraulic component needs. Amongst our range of standard, specialist and customised hydraulic flow control valves is sure to be a solution to fit your requirement at a very competitive price.

New "E-Ref Search" Facility

To help our customers access technical detail and product literature on our website easily and swiftly, we have introduced a new **e-ref** search facility.



Each product and piece of literature now has its own specific code number. Simply enter this product number in the e-ref search box on the home page of the Webtec website to access the 'search results' page where you can view the product and also download associated literature and technical information.

E-refs can be found on our quotations and they will also be quoted in future literature and product updates to help make searching our website even easier.

www.webtec.co.uk

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



**Pumps & Motors
available again**



**Low flow
hydraulic testing**



**New HPM420 with
2 line display**



Flow control valves

Webster gear pumps and motors available again



B Series

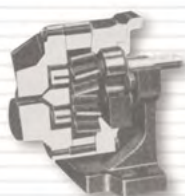
A range of cast-iron compact gear pumps & motors available in 9 sizes from 0.11 - 0.74 cu.in/rev. Suitable for mobile equipment, mining and underground use.

e-ref B series pump: 8058, MB series pump: 8074

YB Series

A range of compact, lightweight aluminium gear pumps and motors available in 6 sizes from 0.15 - 0.73 cu.in / rev. Suitable for mobile equipment, lawn and turf machinery and fan drive systems.

e-ref YB series pump: 8100, MYB series motor: 8076



HCS Series

A range of rugged cast iron gear pumps and motors available in 4 sizes from 0.77 - 1.91 cu.ins / rev. Fitted with helical gears for quiet operation. Suitable for mining and underground use.

Please call sales office for more information

YC Series

A range of versatile, powerful aluminium gear pumps and motors available in 6 sizes from 0.58 - 1.94 cu.in / rev. Suitable for mobile equipment. Can be fitted with flow divider end cover.

e-ref YC series pump: 8101, MYC series motor: 8077



YDA Series

A range of gear pumps and motors of aluminium and cast iron construction. Available in 5 sizes from 0.64 - 2.37 cu. Ins / rev. Available with flow divider. Suitable for a wide range of applications.

Please call sales office for more information

KB Series

A range of very flexible and rugged gear pumps and motors with a three piece aluminium & cast iron construction. Available in 9 sizes from 0.86 - 3.88 cu.in / rev. Suitable for mobile equipment.

e-ref K series pump: 8072, MK series motor: 8075



In addition, Webtec are also able to supply many replacement special type pumps and motors which are fitted to major OEM's mobile machines, including the 237 YDA special Matbro Pump (P19196)

Low flow hydraulic testing

Do you need to measure small hydraulic pump flows accurately? Do you need an easy-to-install, compact solution?

The CT15-mA is a bi-directional turbine flow meter that measures flows accurately between 1 and 15 lpm. The flow meter is rated to 420 bar but has a pressure drop of just 10 psi (0.7 bar) at 10 lpm. This makes it equally at home in the high-pressure line of a small 6 cc pump as in the tank line of a 130 cc pump. Accuracy is better than 1% of full scale, which is better than ± 0.15 lpm, and the flow meter has a built-in micro-processor that gives two wire 4 - 20 mA output. The flow meter can be connected straight into a digital display, such as the DP130 shown, which can also trigger an alarm to signal a low or high flow.

The flow meter measures 136mm long x 37mm wide x 117 mm high and has 1/2" BSP inlet and outlet ports as well as a 1/4" BSP and M10 top ports for connecting additional temperature and pressure sensors.

For further details visit www.webtec.co.uk and enter the relevant e-ref, or fill in the fax back overleaf.



e-ref DP130: 8012

e-ref CT15: 8119

The new Webster DHM403 at Hillhead 2005



e-ref DHM: 8125

The DHM403 Hydraulic Multimeter was exhibited at Hillhead 2005, the world's largest working quarry show, in association with one of our distributors, Heavyparts Hydraulics.*

The DHM403 is particularly suited for use on such heavy mobile equipment due to its compact and robust design which makes it ideal for working in the field. The DHM's unique design also allows six key parameters to be effortlessly measured and displayed digitally on one screen.

Key technical parameters at a glance:

- Flow range: 10 - 400 lpm
- Flow accuracy: $\pm 1\%$ of the indicated flow reading
- Operating pressure range: 0 - 420 bar (0 - 6000 psi)
- Temperature range: 0 - 120°C
- Inlet / outlet connection: 1" BSPF or 1 5/8" - 12UN # 16 O-ring seal

The DHM403 is now in full production following its successful launch. Further technical detail can be downloaded from our website - www.webtec.co.uk - or alternatively please contact us to discuss your application with one of our engineers.

***Distributor for Webtec Products Ltd:- Heavyparts Hydraulics, Unit 1 Hamer Vale, Buckley Road, Rochdale, Lancs. OL12 9BF Tel. 01706 356676**

For further details visit www.webtec.co.uk and enter the relevant e ref, or fill in the fax back overleaf

Twice the view with new handheld hydraulic readout

Many will already be familiar with the sensor recognition family of readouts and sensors as they offer fast set up (no awkward calibration data to enter) with excellent flexibility. The sensor recognition family includes pressure, temperature and speed sensors as well as turbine flow meters with and without built-in loading valve.

The new HPM420 handheld readout is the ideal 2 input hydraulic test tool for fixed and mobile machinery. The updated display now boasts simultaneous display of both inputs. When used with two pressure transducers of the same range it is as simple to use as a pressure gauge, showing pressure 1 and pressure 2 as well as differential and peak pressure at the touch of a button.



e-ref HPM: 8026



Pressure 1
Pressure 2



Pressure 1
Differential pressure



Peak pressure 1
Peak pressure 2

If at a later date you want to add a flow meter you can simply plug it in and the readout will auto-sense the calibration, range and type of sensor and set the engineering units for you. Kits can be made up to your specification at no extra charge, and supplied in a rugged carry case.

Other 2 input models are available with online logging built-in as well as more sophisticated 4 and 6 input portable data loggers for in-depth fault finding and preventative maintenance. To ensure future compatibility all new sensors are compatible with 2, 4 and 6 input models.

For further details visit www.webtec.co.uk and enter the relevant e-ref, or fill in the fax back overleaf.



CT300R-SR Flow meter with built in loading valve (10 - 300 lpm)

e-ref CT300R-SR: 8120



Fax Back

If you would like to know more about any of our featured products,
please fax this form back to us on: **01480 466555**

**DHM403 Digital Hydraulic
Multimeter**

Gear Pumps and Motors

Particular model (Please Circle)

B - YB - HCS - YC - YDA - KB

**HPM420 Handheld
hydraulic readouts and
dataloggers**

Hydraulic flow control valves

Particular model (Please Circle)

Low flow hydraulic testing

ILFC - VFC55 - VFD50 - 2FV - FDM

Please complete your details below so we know who to contact with the requested information.

Do we have the correct details? Please use the spaces below to tell us if we need to amend our records.

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

Name: _____

Company: _____

Position in Company _____

Address: _____

Telephone _____

Fax: _____

email: _____

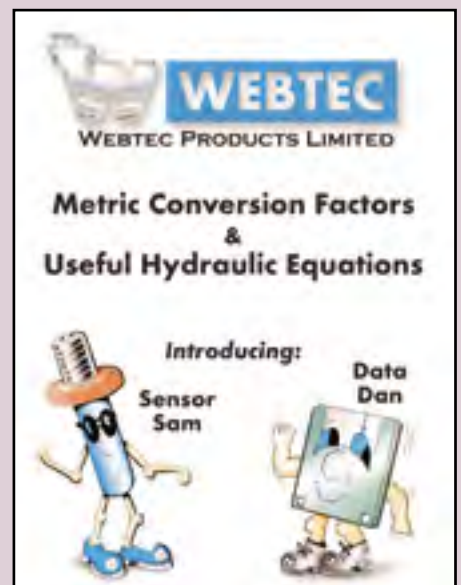
Please register my e-mail address for e-updates

If you would prefer not to receive further product updates and details

of any future special offers please tick this box

and complete your details before faxing back to us.

Complete this fax back and
we will send you a **FREE**
metric conversion & hydraulic
equation guide





Introducing the new
HPM420 with 2 line display



Product Update
Autumn 2005

Hydraulic flow control valves

**Do you need a 2 or 3 port flow control valve?
Do you need a custom version or a replacement for an old model?**

Look no further as Webtec manufactures a wide range of specialist and customised valves



e-ref ILFC: 8071



e-ref VFC: 8094



e-ref VFD: 8095



e-ref 2FV: 8055



e-ref FDM: 8065

Suitable for applications ranging from controlling motor or cylinder speed, splitting a flow to connect an auxiliary function or providing a fixed flow to a circuit. Please contact us to discuss your application.

For further details visit www.webtec.co.uk and go to 'flow control valves' or fill in the fax back overleaf.



WEBTEC PRODUCTS LIMITED

**Nuffield Road, St. Ives, Cambridgeshire, PE27 3LZ, UK
Tel: +44(0)1480 397444 Fax: +44(0)1480 466555**

**email: sales@webtec.co.uk
See us at: www.webtec.co.uk**



Certificate No.8242



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

PRUPAUT-FL-ENG-1581.pdf 09/05
Designed and produced by the Marketing Dept. Webtec Products Ltd.