

MCS-SERIES MOBILE CALIBRATION SYSTEM

WHEN PRECISION MATTERS



MCS-Series, Mobile Calibration System

▼ MCS7500, Mobile Calibration System



Versatility

- Accurately measures torque output for continuous rotation tools from 200 - 10.000 Nm (148 - 7375 Ft.lbs)
- Adaptable design enables use with a large variety of Enerpac and competitive wrenches
- Internal Li-ion battery pack, external power via 5V DC USB power supply

Performance

- Certificate Manager feature enables quick and easy creation of calibration certificates
- Tool database feature allows specific wrench data and calibration results to be recorded and saved for future use

Ease of Use

- Compact design facilitates easy transport, allowing calibration to be carried out in the shop, on jobsites, or even in a vehicle
- Integrated digital interface enables torque values to be displayed, saved, printed or transferred to a computer.

When Precision, Versatility, and Performance Matter



Versatile Design

The uniquely versatile design of the MCS, together with adjustable reaction pillar and block, enable use with a wide variety of electric, battery and pneumatic wrenches.

Not suitable for use with hydraulic wrenches or impact tools.



Carrying Case

High-strength case provides secure and convenient transportation and storage.



Calibration Certificates

Integrated software enables creation of unique calibration tests, and generation of calibration certificates.



ISO17025 calibration certificate

Each MCS comes with a standard ISO17025 calibration certificate.

Compact design allows for calibration in a workshop, job site or vehicle. ►



MCS-Series, Mobile Calibration System



MCS-Series Mobile Calibration System

The MCS-Series Mobile Calibration System is the solution of choice for users with a wide range of controlled bolting tools being used in diverse locations.

The compact and lightweight construction is equally at home in the field or the back of a van, capable of accurately measuring torque from 200 to 10,000 Nm.

A heavy-duty, adjustable reaction block facilitates use with all Enerpac continuous rotation tools, and most competitive tools. A secondary reaction post enables use with those tools that won't fit the standard reaction block.

Simply mount the wrench to be calibrated onto the MCS, position the reaction arm into the reaction block, and actuate the wrench. A digital display indicates the torque output.

An integrated software (comes with standard MCS package) allows multiple runs to be recorded, graphed, displayed or printed using a computer equipped with Microsoft Windows (computer not included).

The software package also facilitates the creation of calibration certificates utilizing preset or operator designated calibration parameters.

When the job is finished, the calibration test results or certificate can be printed or stored electronically for later reference.

MCS Series



Measurable Output Torque Range:
200 - 10,000 Nm

Female Square Drive:
1½ inch



Accuracy

The calibration system is a calibrated instrument qualified in a UKAS certified laboratory. The accuracy of the MCS7500 is calibrated to meet or exceed: 1% of FSD from 2% to 8% of torque range and 1% of reading from 8% to 100% of torque range.



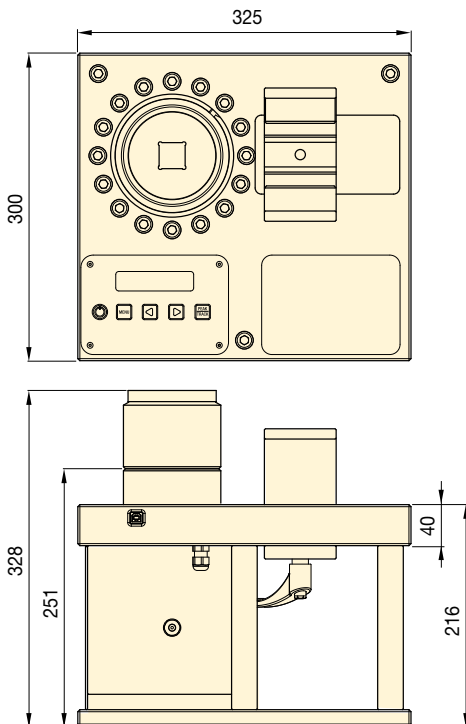
PTW- and ETW Series Torque Wrenches

Smart, simple and productive solutions for controlled bolting. Visit enerpac.com.



Female Reducer Set

The Female Reducer Set consists of two reducers: 1½ x 1 inch and 1½ x ¾ inch. To be ordered separately as **MCS7500RS**.



Minimum Measurable Torque Output		Nominal Measurable Torque Output		Female Square Drive	Model Number	Description	(kg)
(Nm)	(Ft.lbs)	(Nm)	(Ft.lbs)				
200	148	10,000	7375	1½	MCS7500	Mobile Calibration System (MCS)	35
200	148	10,000	7375	1½	MCS7500C	MCS with carrying case	40



BOLTING SOLUTIONS

Enerpac's comprehensive range of bolting equipment provides precise and effective force to make your work more productive, safer, and easier to perform. The best solutions for controlled tightening, joint integrity and more, available from one source.

Controlled Tightening and Loosening



Pneumatic and Electric Torque Wrenches



Hydraulic Torque Wrenches



Electric Torque Wrench Pumps



Pneumatic Torque Wrench Pumps

Tensioning Tools



Power Generation Bolt Tensioners



Topside Bolt Tensioners



Electric Tensioning Pumps



Pneumatic Tensioning Pumps



High-Pressure Hand Pumps

Joint Assembly & Joint Separation



Hydraulic Nut Cutters and Nut Splitters



Step-Type Flange Spreaders



Flange Alignment Tools



Pin-Type Flange Spreaders



Battery-Powered Torque Wrench Pumps



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SIMPLEX

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