

# CASE STUDY

OEM Footprint Flexibility



## METER:

MX09F-2SD ¼" NPT

Aluminum Body / PPS Rotors / Viton Seal  
with PR Display

## MEDIA:

Hydraulic Oil

## Volume & Pressure:

.06-1 GPM at various pressures  
( up to 750 psi ) depending on  
equipment item.



## APPLICATION:

A Global manufacturer of critical process Hydraulic Oil Tools, needed a better way to annually validate their equipment's hydraulic oil rate. Previously, customers had to ship bulky, heavy equipment to the factory or reserve a factory representative to provide on site testing.

Using an innovative compact design, US engineers developed a portable & highly accurate self-serve testing rig. Attached to a 10" x 14" backboard, the testing unit accurately ( .5% of reading ) measures hydraulic oil flow rates for specification rate review. This critical test can now be completed & recorded with no client down time interruption or shipping costs and no manufacturer travel cost burden.

## MACNAUGHT ADVANTAGES:

- Customer needed a heavy duty, highly accurate meter that would work within a very tight work space.
- Macnaught's MX09 unit exceeded all requirements including extensive accuracy testing by the client.
- Note the placement of the elbows on the feed line.

**FOR TIGHT SPACE, PRECISE FLOW MEASUREMENT NEEDS - GO WITH MACNAUGHT OVAL GEAR FLOW METERS!**