

**Idaho Department of Water Resources**  
**List of approved full profile Electromagnetic Flow meters \***  
**March 2012**

<b>Manufacturer</b>	<b>Model</b>	<b>Type</b>	<b>Manufacturer Installation recommendations*</b>
Siemens	Mag 5100 W	Full profile Electro-Magnetic	5 upstream and 3 downstream diameters
Seametrics	AG 2000	Full profile Electro-Magnetic	2 upstream and 1 downstream diameters
McCrometer	Ultra Mag	Full profile Electro-Magnetic	5 upstream and 2 downstream diameters
Badger	M2000	Full profile Electro-Magnetic	5 upstream and 2 downstream diameters
Khrone	Enviromag 2000	Full profile Electro-Magnetic	5 upstream and 2 downstream diameters
Rosemount	8705	Full profile Electro-Magnetic	5 upstream and 2 downstream diameters
Burkert	8054/8055	Full profile Electro-Magnetic	3 upstream and 2 downstream diameters

The above list of flow meter manufacturers performed at or above IDWR minimum acceptable standards for accuracy when installed in piping distances that met or exceeded minimum straight run piping requirements specified by IDWR. These approved flow meters were subject to testing ([http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/DOCs/Vendor%20Notice%20for%20USULabtesting\\_Final.docx](http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/DOCs/Vendor%20Notice%20for%20USULabtesting_Final.docx)) requirements outlined by IDWR and conducted by staff from Utah State's NIST traceable lab in Logan Utah during the spring of 2011. Water users looking for guidance on what meters to install should use this list as a reference and or starting point when researching which meter best fits your application.

\*Installation requirements may vary from manufacturer to manufacturer, please be aware that IDWR staff and or consultants in the field conducting flow meter calibration work assume no responsibility for improperly installed flow meters. Check with the manufacture of the meter for specific information related to straight piping requirements.

The approved list may change as more and more manufacturers subject their meters for testing. Manufacturers may also have other meters in the future that will be required to be tested at USU for accuracy prior to inclusion on this approved list.

IDWR was not provided testing results from individual flow meters tested by USU. Only a pass/fail statement was issued to IDWR after testing was completed.

This list may change at future dates based on additional meters meeting IDWR testing requirements