

## Improve Accuracy and Lower Your Energy Costs with Cross Company Metering Systems



Many large campuses - universities, offices or medical - have central climate control systems which provide heating, cooling and water to all their buildings. Unfortunately, these systems are frequently older and not as efficient as they could be, resulting in higher than necessary energy costs. With an accurate metering system, whether for steam, natural gas, chilled or hot water for calculating BTU's, you can properly set your equipment to provide just the right amount of climate control for each building, resulting in substantial savings.

Not only does Cross Company offer BTU meters, natural gas meters and steam meters but we come onsite and advise you on their installation. Our service starts with an initial meeting to discuss your equipment and what you are hoping to achieve from it. We then recommend appropriate meters to measure your energy use and work with your subcontractors to modify the existing system. Once we install the hardware, we also ensure it's correctly communicating with the campus's PLC/DCS system through a vast array of analog and/or digital communications.

Cross's metering systems are more accurate and more reliable than traditional turbine meters and other lower cost solutions. They require minimal maintenance compared to turbine type meters and other types of technology and you do not risk losing data which you need for efficiency monitoring and compliance reporting. With more reliable equipment providing accurate data, you have less downtime and you're not likely to buy unnecessary - and sometimes expensive - equipment. You can realize a reasonable ROI with the improved accuracy of our systems and their impact on your billing or equipment optimization.

Let's Talk

## Preventing Incidents When Filling and Emptying Tanks



Most of the incidents that occur with atmospheric storage tanks occur during filling and emptying. When people think of tank incidents they generally think of implosion or explosion due to corrosion or erosion. That is not the case most of the time. There are a number of other factors that you must consider related to tank accessories to prevent filling and emptying incidents.

Having the right equipment on your tank functioning properly, calibrated, and set correctly will help to prevent incidents when changing the volume of material in a tank. Below are five critical types of equipment that must be properly maintained to ensure tank function and safety:

### Vents

The **vents** on the tank allow it to breathe during filling and unloading, preventing implosion, explosion, and possible rupture. These devices need to be inspected and serviced regularly.

### Blanket Gas Regulator

The **blanket gas regulator** keeps contaminants from entering while also preventing flammables and other gasses from entering the atmosphere.

[Continue reading](#) to see the remaining types of equipment, or even better, contact a tank expert at Cross to discuss your current requirements.

Contact Cross

## M4Knick Memoview



[MemoView](#) is a mobile tool for on-site visualization of M4Knick Memosens data without a transmitter display.

Quickly query online sensors for measurement data, diagnostics, or calibration records with a Portavo portable meter. Capable of logging up to 10,000 data points, get uninterrupted process measurement from a range of M4Knick transmitters such as MemoRail and MemoRail Modbus, [Stratos Multi](#), and [Protos II](#).

The flow and safety technologies experts at Cross have years of experience providing our customers with a range of solutions.

Discuss your project with our team today and get a quote for a M4Knick Stratos Multi Transmitter!

Request a Quote



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