The Hx System is a versatile solution of sensors & electronics that offers remote & real-time performance monitoring & predictive analytics for heat exchangers.

Cloud Enabled | Easy to Install Hardware | Flexible Configurations

- Real-time data dashboard
- Predict performance changes based on past & current data
- Flexible connectivity (Wired or Wireless)
- Power w/battery or DC wall adapter
- Adaptable w/existing plant instrumentation
- May be optioned with additional flowmeters
- Eliminate process downtime w/wafer flange or clamp-on sensor mounts for seamless installs/removals

Measurable Parameters

% Change in Relative Performances | Heat Transfer Rates
Thermal Efficiencies | Log Mean Temp. Difference (LMTD)
Fouling Factors (flowrate data required) | User Defined KPIs

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Hx SYSTEM
Typical Wired Configuration

Gateway (Model 1703)
- Transmits data to plant network/cloud
- Powered by DC wall adapter
- LAN, WiFi, Bluetooth & RS485 ready

Core Module (Model 1703)
- Collects sensor data
- Powered by DC wall adapter
- Transmits data via RS485
- Flexible connectivity w/existing plant sensors ie. digital/analog flowmeter
**Gateway (Model 1703)**
- Transmits data to plant network/cloud
- Powered by DC wall adapter
- LAN, WiFi, Bluetooth & RS485 enabled

**Core Module (Model 1703)**
- Collects sensor data
- Powered by Battery
- Transmits data via Bluetooth
- Flexible connectivity w/existing plant sensors ie. digital/analog flowmeter
• Intuitive design
• Customizable to suit user needs
• Configurable alerts & alarms