

PROFILE ANALYSIS & MONITORING SYSTEM



PAMS
find the best water



Specifications

Environmental cabinet housing the user interface, sample pump, multi-parameter sonde and All-Level Grab Sampling™.

Sonde: OTT Hydromet HL-7 with up to nine sensors

- pH
- Turbidity
- Chlorophyll a
- Blue-Green Algae
- Dissolved Oxygen
- ORP
- Conductivity
- Temperature
- Depth (for manual profiling)



Ixom's comprehensive reservoir water quality monitoring system provides continuous whole profile monitoring of up to nine water quality parameters.

All-Level Grab Sampling provides for on demand sampling for laboratory or field analysis of additional raw water quality parameters of interest such as iron, manganese, alkalinity, TOC, hydrogen sulfide, nutrients, etc.

PAMS incorporates two options for sample point configurations: electric hose reel collection method or multi-point fixed depth method. Both designs provide real time continuous multi-parameter analysis covering the entire depth profile.

In additions to continuous automated sample analysis, sample/lab techs may manually select a specific depth to obtain water quality information or grab sample.

Maximum profile depth (std): 100 ft [30 m]

Profile Coverage: Whole profile, All Level

Grab Samples: On-Demand, All Level

Sample Flow: up to 1 gpm

User Interface: 9" touch screen

Data Trending: 8 pens; real time profiles

Data Storage: SD Card (>5 years storage)

Communications: Ethernet IP; PROFINET; Modbus TCP/IP; cellular remote VPN

Power Requirement: 120 VAC, 20A

Operating Temp: -5 to 50°C (non-freezing)

Dimensions:

Cabinet	40 in x 18 in x 72 in OAH
Hose Reel	26 in x 38 in x 45 in OAH

