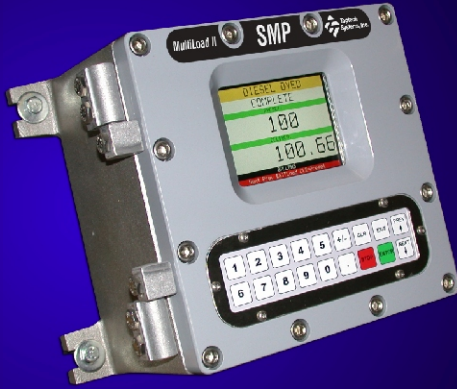


MultiLoad II Single Meter Preset (SMP)

Product Overview

DOC-MKT-ML20001_SMP_PROD-OVERVIEW_REV2.2

With a standard color display, tactile keypad and an abundance of features, single product loading just got a lot better!



Features

While the SMP is scaled to fit single arm applications, it offers a similar feature set when compared to the MultiLoad Package:

- ⦿ Handles up to 2 additives
- ⦿ Full color active matrix QVGA display
- ⦿ Ethernet communications port
- ⦿ Multi-drop communications ports
 - 1 - RS-232
 - 1 - RS-485
 - 1 - RS-232/485 (User Selectable)
- ⦿ 8"x8" Explosion-proof enclosure (20.32cm)
- ⦿ Configuration tools & screens are identical across entire MultiLoad II Product Family
- ⦿ Customizable and Multi-lingual prompting
- ⦿ Can operate in conjunction with Toptech's TMS
 - Real-time event log built-in between SMP and TMS
- ⦿ Can operate as an independent control system
 - 300 driver cards/access IDs and associated PIN codes
 - Stores 200 transactions with component & additive detail
 - 4 user-configurable transaction prompts
 - Driver responses stored with each transaction

Overview

The MultiLoad II SMP is an economical package designed to handle single arm, straight product loading. Capable of injecting up to two additives, the SMP consists of a compact, explosion-proof enclosure with an active matrix QVGA display and numeric keypad.

Applications

The SMP is well suited for a variety of applications, such as:

- ⦿ AvJet Distribution
- ⦿ Barge Loading
- ⦿ Bulk Plants
- ⦿ Chemical Loading
- ⦿ Fleet Refueling
- ⦿ LPG
- ⦿ Lube Oils
- ⦿ Refined Product Racks
- ⦿ Shipping Docks
- ⦿ Truck Offloading

Select a Product that Meets Your Needs!
The SMP is Part of the Innovative MultiLoad II Product Family



**The MultiLoad II Product Family Consists of:
MultiLoad II Package, MultiLoad II 1-arm, MultiLoad II SMP**



MultiLoad II Single Meter Preset (SMP)

Product Overview

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Specifications

Digital I/O Count (13)

- ⊙ A/C Output (5)
- ⊙ DC Input (5)
 - Counters (3)
- ⊙ DC Output (3)
 - Pulse Output (1)

Analog Inputs (2)

- ⊙ 4-wire 100 Ohm RTD Input (1)
- ⊙ 4-20mA Input (1)

Communications

- ⊙ Serial Ports (3)
 - RS-232 (1)
 - RS-485 (1)
 - User Selectable RS-232/485 (1)
- ⊙ 10/100 Mb Ethernet (1)

Environmental

- ⊙ Operating Temperature: -25°C to 60°C

More detailed information is available in the SMP Specification Sheet.

Approvals *(Pending)*

- ⊙ UL Listed Class 1
- ⊙ Division 1
- ⊙ Groups C & D
- ⊙ ATEX Certified Group IIB
 - Category 2G

Supported Protocols

- ⊙ Toptech
- ⊙ Brooks
- ⊙ Daniel (MODBUS)
- ⊙ Smith

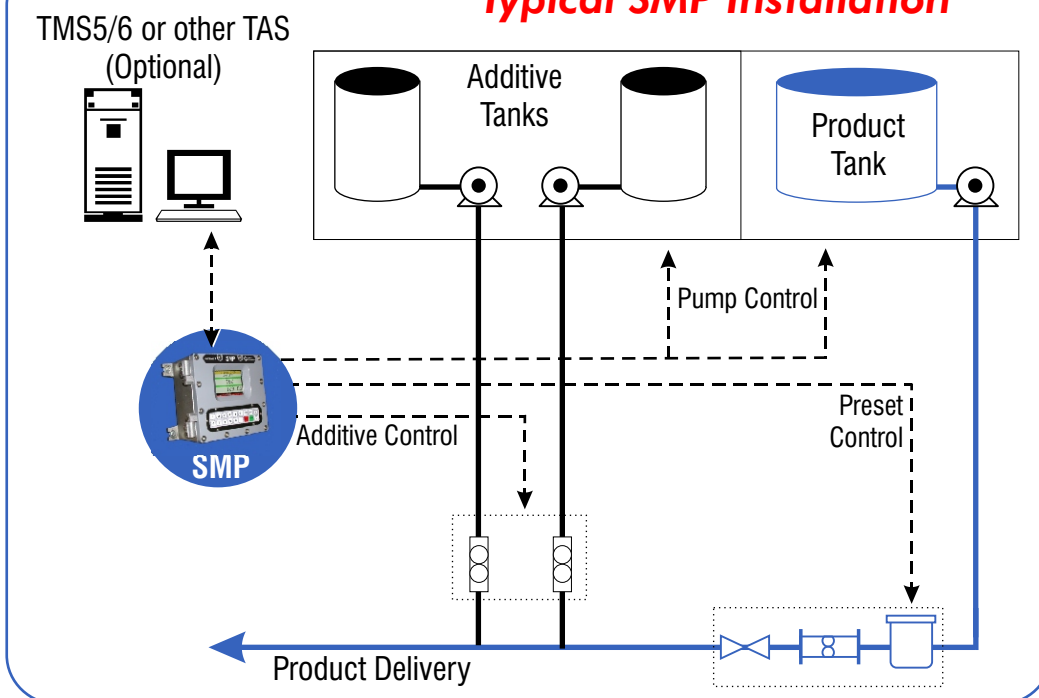
Simple yet Versatile

The SMP can function in two different modes:

Remote Mode - The SMP works in conjunction with Toptech's TMS or other terminal management system.

Stand-alone Mode - The SMP functions as an independent load rack control system. The SMP features non-volatile memory to store up to 300 driver IDs and PIN codes, transaction archives, temperature and calibration data, and other important information.

Typical SMP Installation



Toptech is Part of the Liquid Controls Group
A Unit of IDEX Corporation

