

MPD Control Systems Inc.

NEW GRAVIMETRIC CONTROLS HMI/PLC, MPD-SGLW

YOUR FEEDER EXPERT

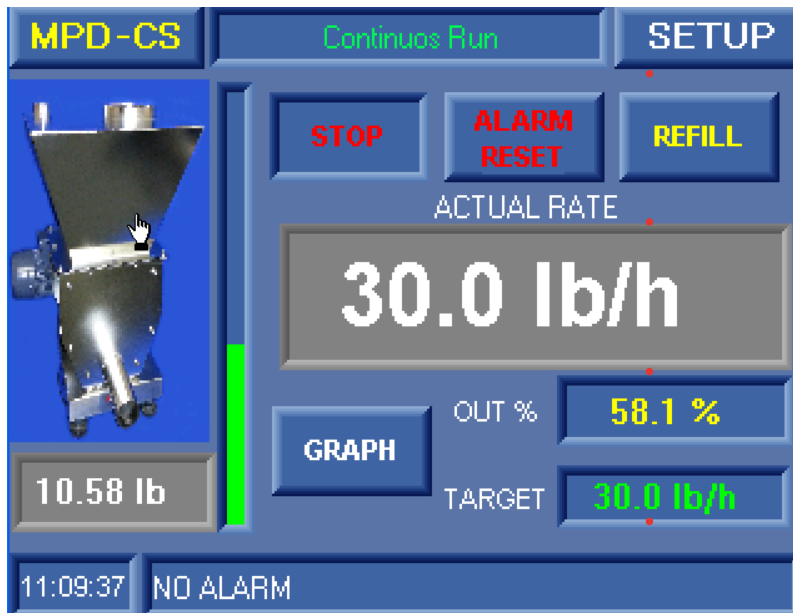
SCREW FEEDERS
VIBRATORY FEEDERS
BELT FEEDERS
LIQUID FEEDERS
CONVEYORS
VACUUM LOADERS
BULK BAG STATIONS

CONTROLS

BATCHING
RATE CONTROL
PID GRAVIMETRIC
PLC SYSTEMS
PC BASED CONTROLS
LOAD CELLS

APPLICATIONS

PLASTIC
FOOD
CHEMICAL
WASTE WATER PLANTS
PHARMACEUTICAL
CONSTRUCTION
CERAMIC
COSMETIC
PACKAGING



- New MPD-SGLW dedicated Controller for LIW or Batching applications.
- HMI / PLC based controls relying on a proprietary PID Routine
- Auto Tune PID Feature available for accurate Results.
- Multi Ingredients Formula Based software.
- Realtime Graph Trend displays Target Rate, Deviation, Control OP%.
- Dedicated Alarm Page to include Alarms In Groups and Alarm History.
- SD Memory Card for data Storage

MPD-SGLW FEATURES:

User Interface

320x240 pixels (QVGA) 256 colors 5.7" Touch screen LCD

Digital Inputs Outputs:

16 isolated digital inputs, including 2 high-speed counter inputs, type pnp/npn
10 isolated relay outputs
4 isolated transistor outputs, including 2 high-speed outputs

Analog Inputs Outputs:

A built-in DAC board provides two separate analog control output (0-20mA, 4 -20mA, 0-10V), and two analog inputs (0-20mA, 4 -20mA, 0-10V)

Communications Protocols:

RS23, 485, CanBus, Ethernet



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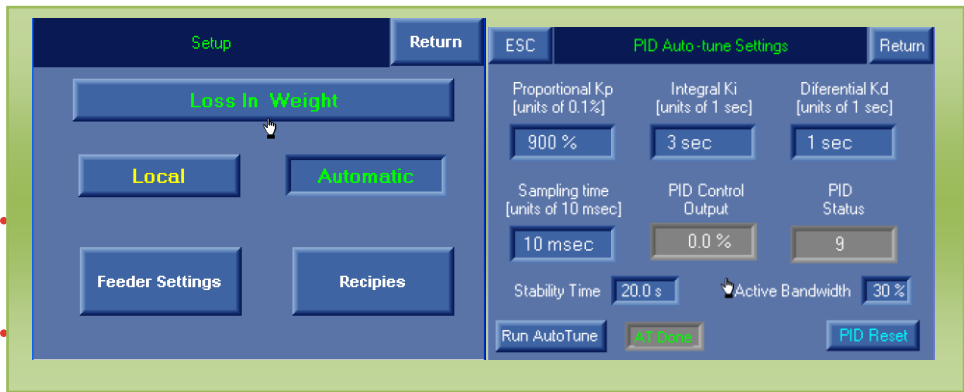
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NEW GRAVIMETRIC CONTROLS HMI/PLC, MPD-SGLW

MPD-SGLW SCREENS



- **MPD-SGLW Controls Up To 6 Feeders LIW or Batch mode. NEMA 12 or NEMA 4X SS enclosure available Complete with Power Disconnect**
- **HMI / LCD Touch screen integrated with PLC Snap I/O for LIW applications or Recipe Based batching applications. Selectable Modes of Operation as Local /Remote where the operator can enter the LIW Rate locally or Remote from a Remote DCS Plant System**
- **Communication Protocols, RS 232 , RS 485, Can Bus, Ethernet**

TECHNICAL SUPPORT

CALL OUR SERVICE CENTER
24/7/365 FOR YOUR FEEDER
ASSISTANCE
+1-416-230-2934

ZERO DOWNTIME

OUR FEEDERS ARE BUILT TO
WORK!
NO PROPRIETARY
COMPONENTS!
OEM STANDARD PARTS!
OVERNIGHT PARTS DELIVERY

TURNKEY SOLUTIONS

WE OFFER COMPLETE
SOLUTION FOR YOUR
APPLICATION NEEDS;

1. DESIGN 3D
2. CUSTOM FEEDER S
3. PLC PROGRAMING

For more information on any of
our products or services please
visit us on the Web at:

www.mpd-cs.com



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