DOSASKID™ Chemical-Dosing System
Reliable Water Treatment in a Quick to Ship Pre-Engineered Package

Adding Value to Water Treatment
Pre-Engineered System for Quick Shipment

DOSASKID™ chemical-dosing system is a pre-engineered system that meets the challenges of water and wastewater treatment applications. With durable features of construction, Milton Roy sets the industry standard by providing consistent, reliable metering pump accuracy in a quick to ship dosing package.

Standard DOSASKID systems feature two metering pumps to assure a primary and a backup for each process. Each skid also includes a control panel, variable speed drive, piping, valves, and accessories including a calibration column and pump risers for sodium hypochlorite degassing. Standard DOSASKID systems can be built using three different sets of Milton Roy pumps – including the mROY®, MACROY® or PROTEUS™ models - to address a wide range of chemicals and flow volumes.

Features and Benefits

• Quick to ship, pre-engineered package
• Available using our MROY®, MACROY® or PROTEUS™ pumps to meet your application requirements
• Documentation package including drawings, manuals, and specifications
• Each DOSASKID™ package has been tested to all applicable standards to provide efficient chemical delivery
### Overall Specifications:

- **Skid**
  - Skid size: 60"H x 44"W x 30"D (152.4 CM x 111.8 CM x 76.2 CM)
  - Basic duplex skids include Fiber Reinforced Polymer (FRP) I beam base with PP baseplate and back plane with duty/standby arrangement
  - Common suction/single discharge
  - FKM or EPDM elastomers
  - FRP/PP or 304 SS base

- **Pumps**
  - Select from a standardized group of MROY, MACROY, and PROTEUS pumps.
  - Pump risers also included for sodium hypochlorite degassing

- **Piping**
  - All Schedule 80 piping
  - Structural supports (pump risers, pipe clamps and hardware)

### Applications

The DOSASKID™ chemical dosing system provides efficient, cost-effective water and wastewater treatment for applications including, but not limited to:

- Coagulants
- Cooling tower biocides
- Boiler feed chemicals
- Disinfectants
- Softening agents
- pH control and adjustment
- Odor control
- Chlorination and dechlorination

### Specifications:

<table>
<thead>
<tr>
<th>System Model</th>
<th>GPH (per pump)</th>
<th>L/H (per pump)</th>
<th>Pressure (psi)</th>
<th>Pressure (BAR)</th>
<th>Pump Model</th>
<th>Pump Material</th>
<th>Pipe Material Options</th>
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### Power Requirements

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<td>MACROY G</td>
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<td>PROTEUS</td>
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- **Power**
  - 304 SS local control panel included on every skid
  - Control panel includes:
    - One (1) NEMA 4X FRP enclosure, pre-mounted and wired
    - One (1) Main power disconnect
    - One (1) Power pilot light
    - Two (2) Pump run lights, one for each pump
    - Two (2) HOA switches, one for each pump
    - Two (2) Motor starters
    - One (1) Lot; breakers, relays, terminals and wiring as required for defined operation

- **LCP – Field wired inputs**
  - Power 120VAC, 60Hz, 20A
  - Skid enabled permissive, dry contact

- **LCP – Field wired outputs**
  - Pump 1 run status, dry contact
  - Pump 2 run status, dry contact

- **Accessories**
  - Valves, calibration column
We are a proud member of Accudyne Industries, a leading global provider of precision-engineered, process-critical and technologically advanced flow control systems and industrial compressors. Delivering consistently high levels of performance, we enable customers in the most important industries and harshest environments around the world to accomplish their missions.

Contact your local representative to find out more about DOSASKID™ quick to ship standard chemical dosing systems.

www.miltonroy.com

Americas
201 Ivyland Road
Ivyland, PA 19974, USA
Tel: (215) 441-0800
Fax: (215) 441-8620

infoweb@miltonroy.com
www.miltonroy.com
www.dosaskid.com