

### Features:

- **Compact**  
Single Drive Housing With Two Heads.  
Vertical Motor Mounting.
- **Pulseless**  
Flow Stabilization to  $\pm 2\%$ .
- **Accurate**  
New Valve Designs Increase Precision.  
 $\pm 0.5\%$  Over 10:1 Range.

The NIKKISO MILFLO Series 6000 is a pulseless metering pump which incorporates a unique, innovative, drive cam design and high precision check valve configuration. This combination delivers higher accuracy and better flow stabilization in a more compact format.



Performance Table			
Capacity Range (GPH)	Maximum Capacity (PSIG)	Speed Range (SPM)	Plunger Diameter (mm)
1.8 - 18.3	4,270	6 - 60	14
3.7 - 37.8	2,700	6 - 60	20
7.4 - 74.9	1,380	6 - 60	28
15 - 152	685	6 - 60	40
23 - 239	440	6 - 60	50
32 - 321	330	6 - 60	58
44 - 441	230	6 - 60	68

Special features setting this pump apart are:

- New drive cam design which delivers constant forward plunger velocity and extended discharge duration to create pulseless flow.
- High precision plunger to cam coupling to more accurately control plunger travel.
- Specially designed check valves with reduced cycle time for more precise metering.
- Utilization of proven liquid end components in a modular format providing interchangeability across the NIKKISO product platform.
- Compact configuration achieved by mounting the motor on top of the pump and a single drive cam which controls both plungers.
- Elimination of motor alignment procedures due to the use of a standard c-face motor.
- Reduced preventative maintenance with a totally submerged drive oil bath which greatly extends the life of the pump drive.

Custom Features	Accessories
Alternate Diaphragm Materials	NIKKISO HydroChek™ Calibration Columns
API 675 & HI Standards Compliant	NIKKISO HydroDamp® Pulsation Dampeners
Automatic Capacity Control	NIKKISO HydroDrive™ VSD's and Motor Controls
Double Diaphragm Liquid Ends	NIKKISO HydroGarD™ Valves
Diaphragm Status Indication	NIKKISO HydroInjex™ Injection Assemblies
Liquid End Jacketing	NIKKISO HydroMix™ Agitators
Sanitary Configuration	NIKKISO HydroTank® Liquid Handling Packages

Component	Materials of Construction			
Pumphead	316SS	Alloy 20	Hastelloy® C	Special
Check Valve Body	316SS	Alloy 20	Hastelloy® C	Special
Check Valve Seat	316SS	Alloy 20	Hastelloy® C	Special
Check Valve Element	316SS	Alloy 20	Hastelloy® C	Special
Diaphragm	PTFE	PTFE	PTFE	Special
Plunger	316SS	Alloy 20	Hastelloy® C	Special
Packing	PTFE	PTFE	PTFE	Special

