

**PRODOZ**  
MECHANICAL DIAPHRAGM  
TYPE METERING PUMPS

**MPHD**  
SERIES

Hydraulic actuated diaphragm  
Power –off seal, no leakage  
Compact design in simple structure  
Heavy duty design with durable features  
Flow adjustment between 0-100 %

Capacities with single head up to 10.000 lt/hr  
Pressures up to 250 bar  
Accuracy ± %1  
Temperatures between -100 C / +800 C  
Max suction height 2 m  
Standart electric motors of 220/380 V, 50 Hz  
Integrated safety relief valve  
limited auto compensation valve



Manual stroke adjustment  
is standard.  
Stroke actuator or digital  
controller is available as option.

|             | MATERIALS |         |         |
|-------------|-----------|---------|---------|
| Pump Head   | SS        | PTFE    | PVC     |
| Diaphragm   | PTFE      | PTFE    | PTFE    |
| Valves      | SS        | PVDF    | PVC     |
| Valve Seats | SS        | PVDF    | PVC     |
| Valve Ball  | CERAMIC   | CERAMIC | CERAMIC |

**Options on request...**

Diaphragm rupture detection system with double diaphragm.  
Double or triple pump heads.  
Threaded, flanged or tube connections  
Ex-proof electric motor  
Heated or cooled pump heads  
HastalloyC or Alloy 20 pump head for aggressive liquids.