

Low cost and accurate dosing disposable pump

The **TPump** is an accurate reciprocating dosing piston pump with low cost disposable pump head for demanding application.



www.naopump.com

Patent pending



View of the prototype

“Calibrationless”

Characteristics

5 ml TPump

Pump chamber volume	5 ml
Operating mode	Reversible
Flow rate range	0.5 to 500 ml/min
Minimum increment	0.2 ml
Typ. volume accuracy	+/- 1 % of full chamber (5 ml)
Maximum outlet pressure	+ 5 bar
Maximum inlet vacuum	- 0.9 bar
Fluid viscosity	up to 70'000 cps
Inlet / Outlet Connector	Female Luer Lock *
Pump head hard plastic parts	PC or PVDF *
Pump head gaskets	Standard O-rings - EPDM or FKM *
	* others upon request
Customization on demand	Size, flow rate, materials, integration

- ✓ Low cost pump head
- ✓ Reversible
- ✓ High accuracy (no pressure influence)
- ✓ Check valves free
- ✓ No free flow
- ✓ Standard O-rings gaskets
- ✓ Simple drive

