

Sanitary High Pressure Pump

Sanitary transfer of fluid with pressure

Description

The Genizer Sanitary High Pressure Piston Pump is used for sanitary transfer of fluid with pressure.

Unique Benefits

The flow rate is controllable and all wetting parts are sanitary.

Type

From small sample to production: HandPump; NanoPump; PilotPump; ProdPump.

Catalog No.	Max. Pressure	Flow Rate	Min. Volume	Power Type	L×W×H(cm)/Weight
HandPump-2000	2,000bar	25mL/min	1mL	Hand Drive	25×40×20cm/15kg
HandPump-1000	1,000bar	30mL/min	2.5mL	Hand Drive	25×40×20cm/15kg
HandPump-800	800bar	50mL/min	2.5mL	Hand Drive	25×40×20cm/15kg
HandPump-600	600bar	100mL/min	4mL	Hand Drive	25×40×20cm/15kg
HandPump-300	300bar	100mL/min	4mL	Hand Drive	25×40×20cm/15kg
NanoPump-1500	1,500bar	6L/hr	20mL	110V/220V	75×40×35cm/40kg
NanoPump-1000	1,000bar	8L/hr	20mL	110V/220V	75×40×35cm/40kg
NanoPump-800	800bar	10L/hr	20mL	110V/220V	75×40×35cm/40kg
NanoPump-600	600bar	18L/hr	50mL	110V/220V	75×40×35cm/40kg
NanoPump-300	300bar	30L/hr	100mL	110V/220V	75×40×35cm/40kg
PilotPump-1500	1,500bar	20L/hr	100mL	380V/440V	130×60×30cm/150kg
PilotPump-1000	1,000bar	25L/hr	100mL	380V/440V	130×60×30cm/150kg
PilotPump-800	800bar	30L/hr	100mL	380V/440V	130×60×30cm/150kg
PilotPump-600	600bar	60L/hr	200mL	380V/440V	130×60×30cm/150kg
PilotPump-300	300bar	80L/hr	200mL	380V/440V	130×60×30cm/150kg
ProdPump-1500	1,500bar	80L/hr	200mL	380V/440V	140×70×40cm/200kg
ProdPump-1000	1,000bar	100L/hr	200mL	380V/440V	140×70×40cm/200kg
ProdPump-800	800bar	120L/hr	200mL	380V/440V	140×70×40cm/200kg
ProdPump-600	600bar	180L/hr	400mL	380V/440V	140×70×40cm/200kg
ProdPump-300	300bar	200L/hr	400mL	380V/440V	140×70×40cm/200kg



Phone: +1(949) 932-0294
Fax : +1(323) 978-4693
Email: Nano@Genizer.com
https://www.genizer.com/sanitary-high-pressure-pump_p0014.html

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Sanitary High Pressure Pump



HandPump



NanoPump



PilotPump

Standard Features

Surfacing	316L stainless pump
Control System	High pressure programming control systems [®] : touch screen, speed control, auto stop control by volume, time, pressure or temperature, settable volume control, display of flow rate and time, overload protection
Inlet Type	1" or 2" tri-clamp or high pressure coupling
Outlet Type	1" or 2" tri-clamp or high pressure coupling
Feed Reservoir	SUS316 cylinder or online
Collector Reservoir	SUS316 cylinder or online
Material Standard	Pharmaceutical grade, FDA & GMP approvable
Warranty	1 year against any manufacturing defects

Available Option

Parts	High pressure extruders, homogenizing valves, heat exchanger
IQ/OQ	Installation and operational qualification
Detector	Pressure gauge, pressure and temp. transducer
Outlet Type	NPT, UNF, flange and custom fittings are available
Feed and Collector Reservoir	100mL, 200mL, 500mL, 1L, 2L syringe, cylinder or online
Cylinder	Titanium (resistant to strong acid and base)

