



Air-operated piston pump with integrated heater
programmable up to +90 °C
consisting of:
pump with pneumatic drive
electronic control
integrated heater
temperature sensor
pneumatic-electric pressure switch
electric cable 3x1,52 - 2 m

→ Order No.: 54002000
Typ: PTI-D2-H-300



Air-operated piston pump without heater
consisting of:
pump with pneumatic drive

→ Order No.: 54001000
Typ: PTI-D2-O-200



Glue cover, complete
consisting of:
glue cover - stainless steel
plastic funnel with bayonet fastener
stainless steel sieve

→ Order No.: 59010009
Typ: PTI-D2-ZUB-Leimdeckel-kplt.-VA-01



Mounting clamp ring (pump height adjustment)
consisting of:
plastic clamp ring
clamping screw

→ Order No.: 55001000
Typ: PTI-D2-ZUB-Montageklemmring



Compressed-air connection with 2 m or 5 m hose
consisting of:
1 x filter/controller 1/4"
1 x miniature ball valve 1/4"
1 x compressed air hose 2 m or 5 m
outside ø: 12 mm / inside ø: 6 mm
1 x nozzle for coupling NW 7

→ 2 m: Order No.: 52020074
Typ: PTI-D2-ZUB-DLA105

5 m: Order No.: 52020065
Typ: PTI-D2-ZUB-DLA110



Feed hose PVC 2 m or 5 m
consisting of:
1 x PVC hose 27/19 - 2 m or 5 m
1 x hose clamp

→ 2m: Order No.: 52020073
Typ: PTI-D2-ZUB-FS202

5m: Order No.: 52020068
Typ: PTI-D2-ZUB-FS201



Electrical connection - grounding type plug
consisting of:
1 x grounding type plug, ready assembled

→ Order No.: 52020069
Typ: PTI-D2-ZUB-SCHUCO



Electrical connection - Euro plug (shaped plug)
consisting of:
1 x plug CEE 3x16 A 220V
with cable kink protection, ready assembled

→ Order No.: 52020071
Typ: PTI-D2-ZUB-CEE-Formstecker-3x16A-220V



Procon - plug
consisting of:
1 x procon plug, ready assembled

→ Order No.: 52020070
Typ: PTI-D2-ZUB-PROCON

It is absolutely necessary to read the handling instructions carefully before the pump is used!
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9999908E/02/2010
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New
GENERATION
**PNEUMATIC
GLUE PUMP**
with integrated heater



For viscous and liquid media



internet: www.leimpumpe.de
www.timmer-pneumatik.de

Timmer-Pneumatik GmbH • Dieselstraße 37 • D-48485 Neuenkirchen, Germany • Tel.: +49(0) 5973/9493-0 • Fax: +49(0)5973/9493-90 • internet: www.timmer-pneumatik.de

Glue pump, specially developed

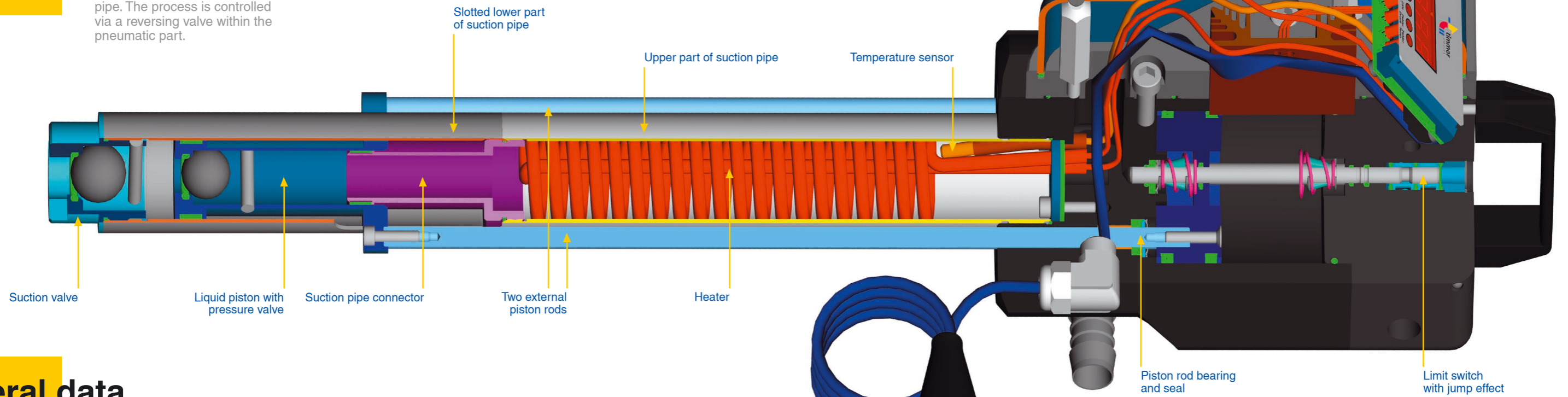
Operation principle:

The Timmer glue pump is a self-priming, air-operated piston dosing pump. The pneumatic piston transfers the force via piston rods to the liquid piston inside the suction pipe. The process is controlled via a reversing valve within the pneumatic part.

Rapid heating of the glue.
Integrated heater.
High operating safety.
Improved glue transport.
Easy operation.
Low noise.



The glue funnel, the cover and other parts are available as accessories



General data

Drive	Pneumatic
Drive principle	Self-priming, volumetric
Driving piston	ø 90 mm
Liquid piston	ø 46 mm
Transmission ratio	3,8:1
Piston stroke	43 mm
Pump capacity (water)	approx. 73 cm ³ per double stroke (8 l/min / 480 l/h)
Pump capacity per piston stroke	Upward approx. 50% - downward approx. 50%
Number of strokes per minute	120 strokes/min approx. adjustable via outlet throttle
Viscosity of delivery medium	Up to approx. 100.000 mPas
Pulsation	Low
Suction side - connection	Suction pipe (standard length 420 mm)
Pressure side - connection	Hose socket 19 mm - 3/4" female thread
Temperature - Medium	max. 70 °C
Suction height	self-priming, approx. 5 m of water column
Overall length	670 mm (other lengths available on request)
Weight	4,5 kg
Made in Germany	

Pneumatic data

Compressed air connection	1/4" female thread
Operating air pressure	3 - 6 bar filtered compressed air
Compressed air consumption	240 l/min max. at continuous operation
Integrated pneumatic valves	Main valve 5/2 directional valve Control valve 3/2 directional valve



Electrical data for pump with heater

Electrical connection	230 V / 50/60 Hz	alternative: 110 V / 60 Hz
Power input	max. 7 Ampere	
Electric cable	2 m 3x1,5 ² rubber cable	
Pneumatically operated safety switch	3 bar fixed	
Continuously adjustable heating	0 - 1400 Watt	
Temperature controller	Electronic two-step controller	
Temperature setting	Via display and keyboard membrane	
Temperature range inlet - outlet	Programmable up to +70 °C Glue temperature ΔT approx. 7 °C	
Stainless steel temperature sensor	Electronic	
Thermal overload protection	+90 °C	
Protection class	protection class IP65: protection against dust, full contact protection, protection against water-jets	

Material data

Suction and pressure valve	Stainless steel 1.4571
Drive housing	POM - polyacetal
Liquid housing	POM - polyacetal
Suction pipe	Stainless steel 1.4301
Liquid seal	PTFE seal ring
Liquid valve balls	Stainless steel 1.4301
External piston rods	Stainless steel 1.4301, polished
Electrical housing	PE - polyethylene
Outlet	POM - 19 mm hose nozzle
Suction base	POM - polyacetal
Liquid valve seat	FKM - O-Ring

Wichtige Hinweise:

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Timmer-Pneumatik GmbH
Dieselstraße 37
D-48485 Neuenkirchen
Germany

Tel.: 05973/9493-0
Fax: 05973/9493-90

www.timmer-pneumatik.de
info@timmer.de

Geschäftsführer:
Herbert Timmer
Dagmar Timmer
Klaus Gehrman
Wolfgang Kamlage

USt-Id-Nr.: DE 124388442
Handelsr. Nr.: HRB 3728