

# POLIGRAT PRODUCT INFORMATION

## POLINOX spray device

**POLIGRAT**  
DEUTSCHLAND GMBH



### Application area

The POLINOX spray device is suitable for spraying of cleaners and gel type pickling chemicals of POLIGRAT GmbH.

### Device design

The device is made from acid-resistant materials, consisting of:

- self-priming pressure pump (pneumatic-membran pump) with continuously adjustable conveying speed, pump is installed in a supporting frame made from stainless steel
- compressed air equipment with stop and control valves:  
pressure limiter with pressure monitoring
- suction hose
- pressure hose with spray lance and manual valve

The spray lance with an angled head is made from acid-resistant plastics for easy working. It is equipped with a control valve and can be disassembled without tools for maintenance.

### Operation

The suction hose of the pressure pump can be fed and fixed directly in the filling opening of the delivery container. The compressed air supply to the pump is to be opened. The pressure pump begins to convey by operation of the manual valve at the spray lance. Spraying is stopped by closing the manual valve at the spray lance. The flow volume of the spray jet can be adjusted with both, the control valve in the compressed air supply to the spray pickling pump and the manual valve at the spray lance. After finishing the work the internal of the spray device is to be cleaned with water completely by changing the suction hose from the pickle can to a water reservoir until clear water is sprayed. Then the spray device should be cleaned externally with water.

### Safety regulations

Only suitable gel type chemicals are to be used with the POLINOX spray device. While working pay attention to the operating guides including safety regulations and operating advice of the chemicals made from acids. Safety goggles, rubber gloves and protective clothing should be worn. Rinsing water and residual product must be disposed of according to the legal requirements.



### Technical Data

Compressed air:	
connection	quick coupling 9 mm
consumption	max. 0.15 Nm <sup>3</sup> /min
required pressure	min.: 3 x 10 <sup>5</sup> Pa
	max. permissible: 7 x 10 <sup>5</sup> Pa

Dimensions:	
length	approx. 310 mm
width	approx. 275 mm
height	approx. 300 mm
length of the spray lance	approx. 700 mm
weight	approx. 7 kg

### Your advantage

- easy and safety handling by direct use of original delivery containers
- no transfer loss
- in case of partial consumption the container can be closed hermetically for later use
- Thinner and more homogeneous gel film compared to brush application
- increased productivity and saving of labour costs