

# 120 GE

## Portable Impulse Tong Sealers



polystar® Impulse generator 120 GE with sealing-tong 300 D



Beak - Types 150 + 300 DS



SFZ - Types 300 + 400

**Small, compact and extremely clever:  
automatic equalizer for all impulse tong sealers**

## Technology that is pro-active: Automatic voltage equalization for various widths of tongs



### Application:

Sometimes thick, sometimes thin, sometimes short, sometimes so long it is never ending... The mobile **polystar**<sup>®</sup> tong sealer seals all sizes as well as small parts and the handling is easy and flexible. Long lengths can be easily joined together using seam-on-seam sealing. This model is suitable for sealing polyethylene film up to 2 x 0,3 mm thickness.

**As simple and precise welding must be!**

### Operation:

After switch on this portable sealer is ready for work, at once. The operation of this sealing unit is very simple. No skill or special training to operate is necessary. After feed-in of the plastic film between the heating element carriers of the welding tong the sealing impulse will be released by pushing the push button. The needed welding time will be pre-selected with the regulator switch and electronically controlled.

### Innovation:

The automatic equalizer ensures the correct power supply. Independent of the width of the tongs – the pro-active impulse generator recognises the required voltage and regulates it automatically in the tong sealers. This means that small and large tong sealers can be connected consecutively with the impulse generator **polystar**<sup>®</sup> **120 GE** without any difficulty and without any additional precision adjustment of the sealing time electronics. At the same time heating strip fatigue is considerably reduced.

### Particular advantages:

- **polystar**<sup>®</sup> **120 GE** operates on the thermal impulse principle
- ready for immediate use and absolutely reliable
- double impulse heating with 3 mm sealing seam width
- release of sealing impulse by press-button in the upper handle of the tongs
- acoustic error signal in case you don't press the green button long enough
- luminous diode for optical monitoring the working cycle in the tong sealer block
- automatic control of the heating tape temperature
- adjustable pressure of the tongs = consistent sealing results
- continuously variable electronic sealing time relays for various film types and thicknesses
- **automatic equalization on the tongs for varying seam lengths**
- **reduced heating tape fatigue**
- **"GS" approved and "CE" conform**

2017/04

### Technical Data

<b>polystar</b> <sup>®</sup>	Welding tong	Seam-length	Weight	<b>Required Impulse Generator</b>	
	Model 150 D	max. 150 mm	0,70 kg	<b>polystar</b> <sup>®</sup> <b>120 GE</b>	
	Model 200 D	max. 200 mm	0,75 kg		
	Model 300 D	max. 300 mm	0,80 kg	Mains supply:	230 V/50 Hz
	Model 400 D	max. 400 mm	0,95 kg	Current input	max. ca. 3,7 A
	Model 600 D	max. 600 mm	1,00 kg	Power consumption:	max. ca. 0,86 kWh
	Model 150 DS Beak Type	max. 150 mm	0,80 kg	Dimensions:	246 x 195 x 135 mm
	Model 300 DS Beak type	max. 300 mm	1,00 kg	Weight:	6,8 kg
	Beak-shaped-type:				
	Model 300 SFZ	max. 300 mm	0,80 kg		
	Model 400 SFZ	max. 400 mm	0,85 kg		

Measurements 160, 210, 310, 410, 610 x 200 x 65 mm

All machines are supplied with a 3 m connecting cable. The measurements and weights given are approximate. We retain the right to make technical changes without giving prior notice. (C 2017/04)