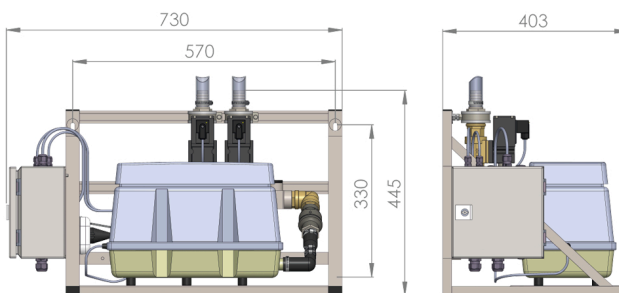
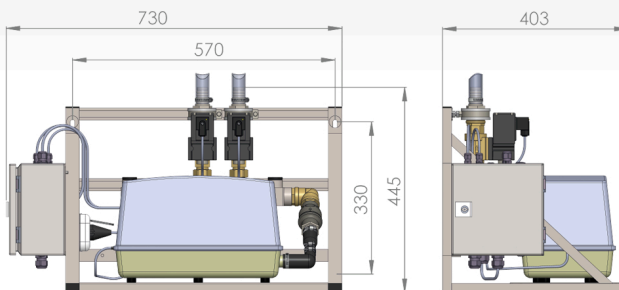




TECHNICAL DATA  
AWIDESULF 100  
AWIDESULF 200



Subject to technical modifications (10.14)

AWITE BIOENERGIE GMBH | GRÜNSEIBOLDSDORFER WEG 5 | D - 85416 LANGENBACH  
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# MICROBIOLOGICAL DESULPHURISATION

GENERAL DATA	AWIDESULF 100	AWIDESULF 200
Volume biogas//h <sup>1</sup>	up to 100 m <sup>3</sup>	up to 200 m <sup>3</sup>
Installation dimensions (BxHxT in mm)	730x445x403	730x445x403
Weight	≤ 24 kg	≤ 30 kg

## OPERATION CONDITIONS

Ambient temperature	5 – 40 °C
Ambient humidity	0 – 80 % relative humidity
Protection type	IP 54

## POWER SUPPLY

Operation voltage	230 VAC	
Power consumption	~ 130 W	~ 215 W
Power supply	solenoid valve and compressor are powered by Awite gas analysis system	

## PROCESS CONNECTION

Number of air supply points	1 - 2
Connection point of air supply	flexible or solid plastic pipe 1" and connection with G1" external thread on customer side
Pipe length <sup>1</sup>	≤ 100m

## PROCESS CONTROL<sup>2</sup>

Automatic control of air supply using a combination of PI-controller and a major FuzzyLogic
Control range in automatic mode between 0 to 1 % oxygen, depending on the measured hydrogen sulfide concentration
Monitoring of the upper limit of 3 % of oxygen

## DISPLAY AND OPERATION<sup>2</sup>

Panel-PC	7" TFT touch panel/800x480
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## SOFTWARE FEATURES<sup>2</sup>

Display of measurement history	graphic/tabular
Extensive data storage	4 GB microSD card

## SAFETY MECHANISM

Non-return valve behind compressor

<sup>1</sup> Please inform Awite about the pipe lengths and expected biogas flow volumes in advance (for the exact setup of the compressor)

<sup>2</sup> Part of the Awite gas analysis system AwifLEX und AwifLEX XL