



JGWU | JGWUH

Gas Washing Unit



APPLICATION

- Extractive gas analysis
- For heavy contaminated gases (e.g. SynGas)
- Continuous cleaning of sample gas

BENEFITS

- Keeps sample gas clean
- Protection of gas analyzer
- Reliable removal of contamination
- Large volume for cleaning liquid

FEATURES

- Removes contamination like tar, acids and ammonia salts
- Multiple connections:
 - sample inlet and outlet
 - cleaning liquid inlet
 - cleaning liquid outlet
 - drain outlet
- Heated sample inlet up to 200 °C (option) avoids condensation and crystallization



TECHNICAL DATA

Model	JGWU	JGWUH
Description	liquid based gas washing unit	liquid based gas washing unit with heated sample inlet
Order code	32.00110	32.00120
Screw cap with GL18 gasket		96.00024
Option Duran glass ball filling		35.90023

Operation

Operating temperature	-	0 °C to 200 °C
Operating pressure	-100 to 500 mbarg	-100 to 500 mbarg
Mounting position	vertical	vertical
Approval / Sign	CE	CE

Construction

Dimensions over all (WxHxD)	323 x 571 x 219 mm	323 x 571 x 219 mm
Weight without filling	approx. 3.5 kg	approx. 4.6 kg
Sample inlet	1/8" NPT f	1/8" NPT f
Sample outlet / Liquid connection	GL18, 4/6 mm	GL18, 4/6 mm
Materials	Duran glass, SS316Ti	Duran glass, SS316Ti
Glass volume	0.54 l (fill level cleaning liquid outlet)	0.54 l (fill level cleaning liquid outlet)

Electrics

Supply voltage	-	230 VAC 50/60 Hz
Power consumption	-	approx. 500 W
Protection class	-	IP20 (EN 60529)
Status / Alarm relay	-	Volt free contact (function programmable)

DIMENSIONS

dimensions in mm

