



## Absorber JESC-ABS 20.03

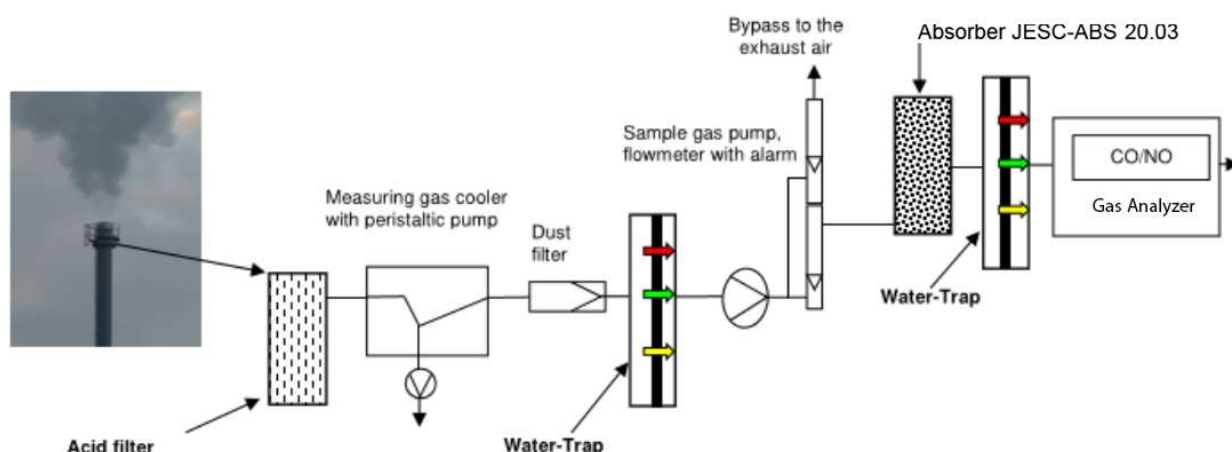
### Description:

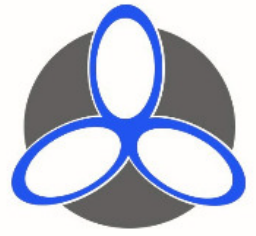
The absorber is designed for the removal of aggressive components (SO<sub>3</sub>, HF, HCL) from the measuring gas flow, predominantly of emission measurements. This deals with responsive gases/aerosols, which are absorbed by the filled sacrificial materials. This takes place with high efficiency. The service life of the sacrificial materials depends on the load of the measuring gas. The measuring components (O<sub>2</sub>, CO, CO<sub>2</sub>, CnHm, NO<sub>x</sub>, SO<sub>2</sub>, NH<sub>3</sub>) are not influenced by the sacrificial materials based on experience.

### Assembly:

Installation of the absorber between the flow meter and the condensate separator in front of the analyzer. The absorber JESC- ABS 20.03 must be assembled vertically. A horizontal position would guide away the gases to be absorbed, in the most unfavorable case, over the sacrificial materials without any reaction. Two spring steel clips are enclosed for the wall mounting.

### Gas Flow Diagram:





## Technical specifications:

- **Scope of delivery:** Absorber container with filling, Wall mounting brackets
- **Materials used:** PVDF, Duran-Glass, PP, FKM
- **Operating pressure:** 0- 500 mbar
- **Gas flow:** 0 - 120 l air/h
- **Pressure drops at 120 l air/h:** approx. 10 mbar
- **Operating temperature:** + 5°C - +90°C
- **Housing dimensions:** Diameter 50 mm, length 300 mm
- **Housing volume:** 150 ml
- **Gas connections:** GAS-IN 6/4 mm hose fitting, GAS-OUT 6/4 mm hose fitting
- **Assembly:** Wall mounting with assembly bracket (included in scope of delivery)

**Glass** Absorber complete, with retaining bracket and filling materials.

**Model:** JESC-ABS 20.03

**Item No.:** JESCABS2003GL



**Stainless steel** Absorber, complete, with retaining bracket and filling materials.

**Model:** JESC-ABS 20.03

**Item No.:** JESCABS2003SS

- ❖ All Absorber material supplied from Germany.
- ❖ Manufacturer: Jonoob Engineering Services Center Co.

