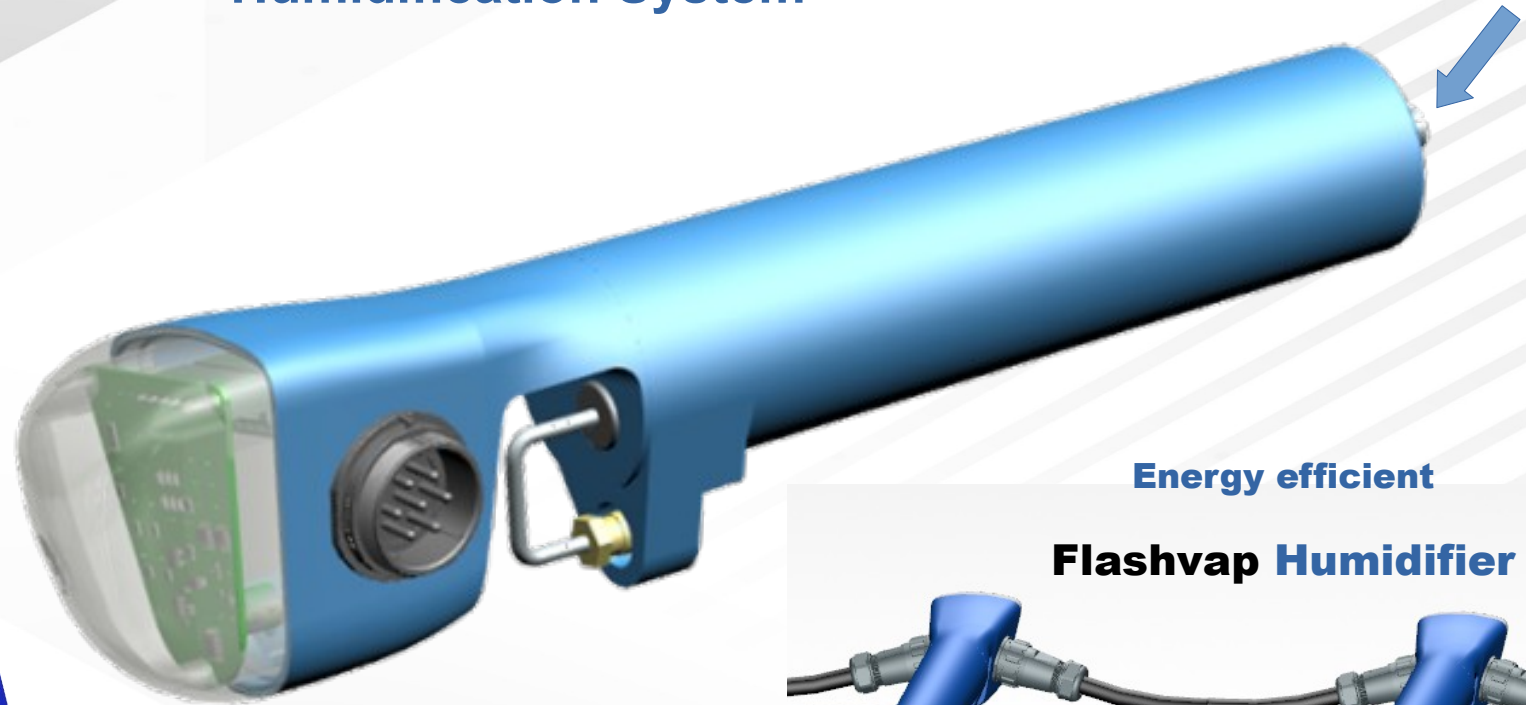


# Flashvap

Humidification System

Nozzle Temperature > 120 °C



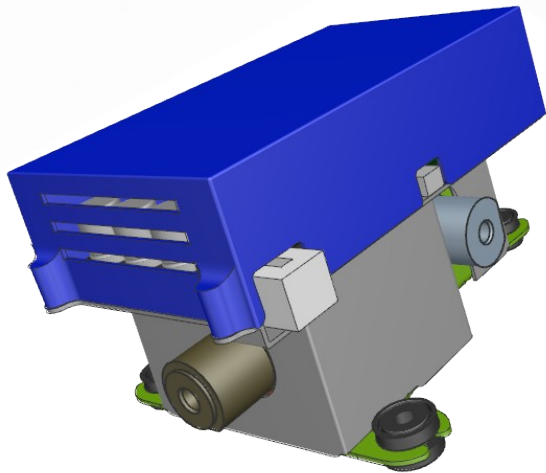
Energy efficient

Flashvap Humidifier



High pressure

Magnetic Dosing Pump



Self regulated heating system → Integrated PTC elements

Flash-boiling-effect

Typical flow rate per modul: **3 liters/h**

Typical Energy consumption per modul : **600 W**

Nozzle Temperature > 120 °C

Contact us:

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Phone: +49 7151 / 82036 – 10

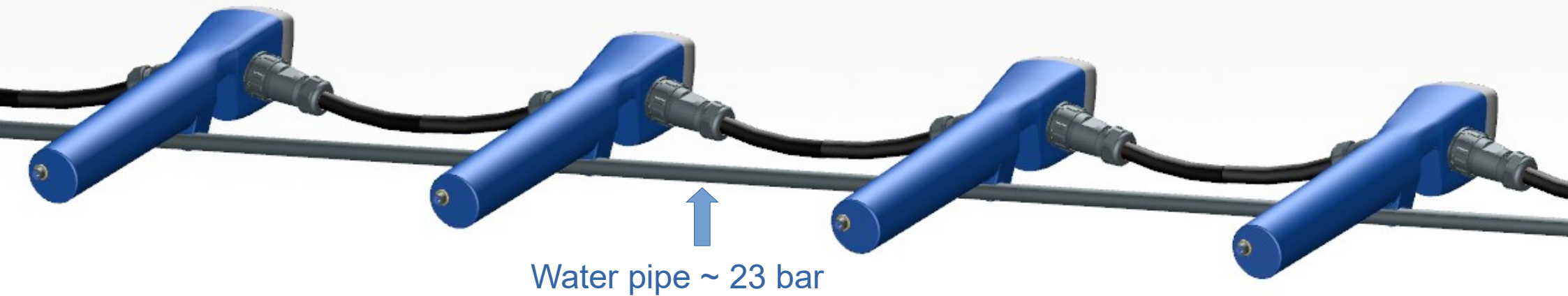


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# Flashvap

## Humidification System



### Key features of Flashvap:

- Uses **pressurized water** > 22 bar
- **Flash-boiling-effect**: Sudden expansion of water at ejection
- Control signal: 230V
- Self holding system
- **Scalable**: 8 Modules in row interconnected

### Your benefits using Flashvap:

- ✓ **Safe thermic disinfection of water**
- ✓ **Equal humidification ability** compared to generic steam humidifiers
- ✓ **Saves enthalpy** of vaporization
- ✓ **Saves up to 70 % of electrical energy**

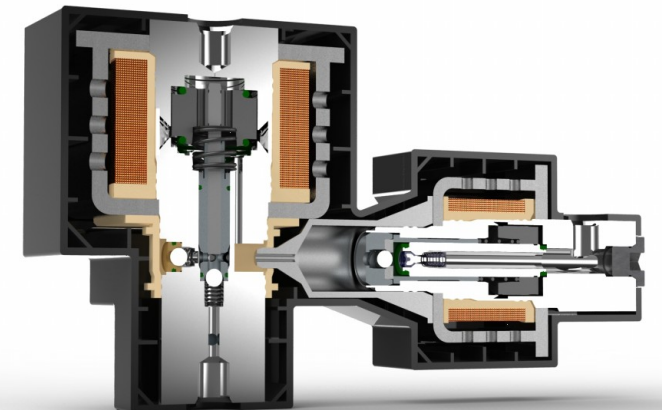
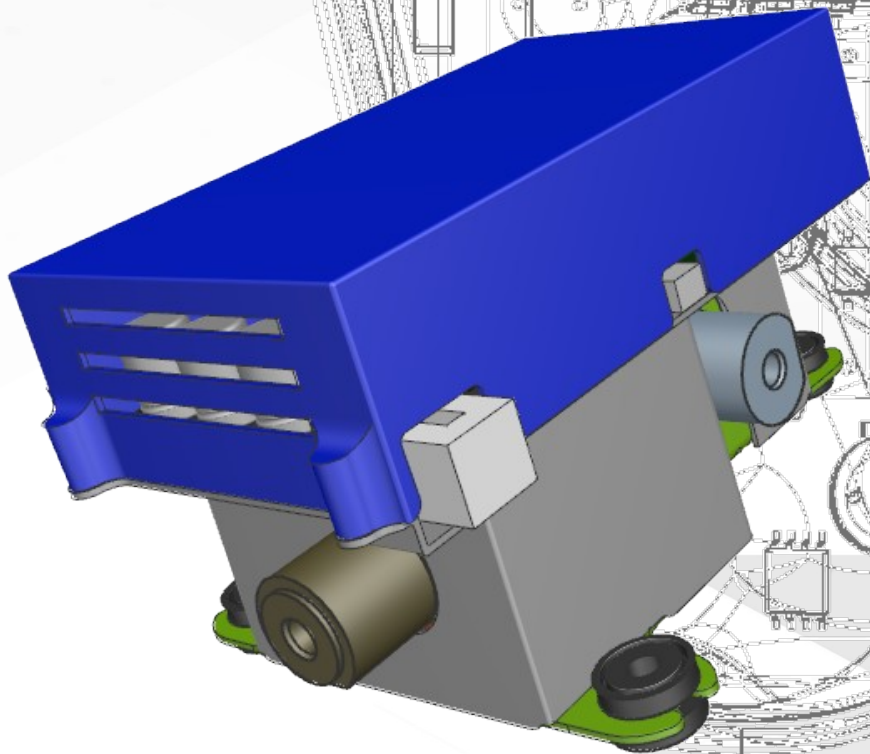
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# Flashvap

## Humidification System

### Key features of MDP:

- Typical pressure: **60 bar** at 3.5 liters / h
- Main components made of **stainless steel**
- **Modulation** range 1:3
- Also suitable for micro-dosing applications up to 120 bar (1740 psi) with 5  $\mu$ l per stroke



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**Watch Flashvap in action:**



**[Video Link](#)**

**Contact us:**

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