

## CLEANING OF MUSIC / BRASS INSTRUMENTS - TRUMPET -

### REQUIREMENTS

Brass instruments are highly sensitive and are therefore cleaned almost exclusively by hand in a laborious and lengthy process. The various individual parts such as the valves and valve slides, mouthpiece and leadpipe, as well as all the curved parts such as the tuning slide, present particular challenges. Damage must be avoided at all costs.

### OUR SOLUTION

The low-pressure hot cleaning process of ph-cleantec offers an excellent and highly cost-effective alternative. The low pressure of between 3 and 7.5 or 3 and 14 bar is sufficient to rinse even curved parts without any problems. The high temperatures of up to 95°C loosen and remove contamination.

With special nozzles such as the flexible nozzle or the needle nozzle, even interiors can be perfectly cleaned. Importantly, cleaning only takes a fraction of the time used when manual cleaning manually.

Equally important: Nothing is damaged and the process can take place inside the workshop without harming people or the environment. In addition, there is no need for (expensive and environmentally harmful) chemicals, as the cleaning effect is achieved through the high temperature.

The best way to see this for yourself is to watch the video of Lüttke Blasinstrumente in Volkertshausen:

[Video Cleaning brass instruments](#)



Trumpet – very complex set-up, and very difficult to clean

### YOUR ADVANTAGES

- Efficiency/quality: Fast and thorough cleaning. With the right spray accessories, also easy cleaning of valves, curved parts, internal parts, etc.
- No damage: No damage to sensitive parts due to low pressure.
- Extremely flexible thanks to various nozzles; can be used for all types and sizes of brass wind instruments.
- Mobility: Cleaning inside the workshop – devices are mobile and self-sufficient, no major splash-back effects, clouds of droplets, aerosols, etc.
- Occupational safety and environmental protection, chemicals: No chemicals required; this protects the environment, increases occupational safety and reduces costs.

- Universal use of the hot cleaning devices: These can also be used for e.g. maintenance and servicing of other machines and equipment.
- Economics: Significantly time savings on cleaning, and no or hardly any chemicals.
- Overall: Comparatively low investment and hardly any running costs, but high efficiency, excellent quality, and no damages.



Cleaning the inside of a trumpet - see video [Cleaning brass instruments](#)



Cleaning the inside of a trumpet – here with flexible nozzle