



Fluid Dynamix



The smart cleaning nozzle

OsciJet HPX-CS Pro

- movement without moving parts -

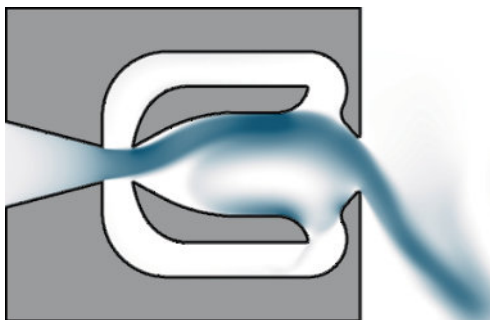


OsciJet HPX-CS Pro

The smart cleaning nozzle

The OsciJet nozzle is the multitalented solution for your application. It is based on a smart flow channeling which induces an instability in the internal flow. Thereby, this innovative nozzle is able to emit a sweeping stream of fluid – without any moving parts!

For the first time, the OsciJet nozzle enables to take advantage of dynamic jets even under the most difficult conditions and without concessions in durability, reliability and maintenance of the overall system.



OsciJet nozzles create a self-induced oscillation without requiring any moving parts. The mechanism is as simple as it is reliable. If the inlet is pressurized with a liquid or gas, the jet adheres to either one of the side walls in the central main chamber. From there the jet impinges onto the wall close to the exit where it splits into two parts. While the main part of the jet exits the device, a small portion of the fluid is diverted through the feedback channel back to the inlet where it pushes the main jet to the opposite side. The process is repeated on the other side, producing a freely oscillating jet at the outlet. This dynamic jet generates a higher input pressure on the contaminated surface, which improves your cleaning result up to factor 7.

Specifications

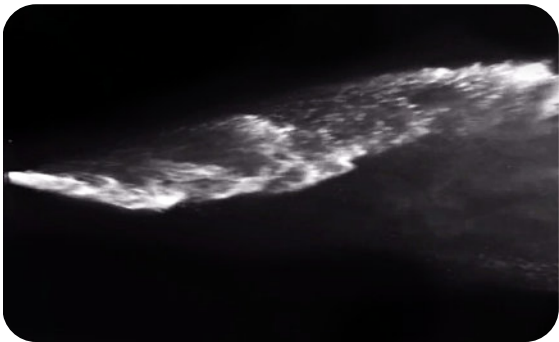
The OsciJet HPX-CS Pro is the innovation on the high pressure cleaning market. Using a smart flow channeling, the HPX-CS Pro produces a compact, sweeping jet without the need of moving or rotating parts. This way, for the first time, the HPX-CS Pro couples an improved cleaning performance with the reliability of a flat fan nozzle.

The HPX-CS Pro is manufactured in Europe and undergoes a strict quality control at FDX to confirm the superior durability. The HPC-CS Pro is available in all common nozzle sizes. On demand, we also offer higher pressure ranges, custom connections and labels (white-labeling), as well as calibrated nozzles (discharge tolerance +- 2%).

The default model of the HPX-CS features the following technical specifications:

Material	Stainless steel
Connection	G1/4" female thread
Spray angle	25°
Nozzle size*	in steps of 5 (25-200)
Max. inlet pressure	200 bar

*) The nozzle size is defined as the flow rate of water in l/min at a pressure of 20 bar, multiplied by 10.



OsciJet HPX-CS Pro

Customer feedback

stadiko

PROFI-HOCHDRUCKREINIGER

“ After over 12 months in continuous use, we are convinced: the OsciJet HPX-CS Pro by FDX delivers best cleaning results and outstanding durability.

(Frank Koslitzki, CEO Stadiko)

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Additional information at:

www.OsciJet.de
www.FDX.de

or contact us directly under:

info@fdx.de
030 314 29799