



Technical description

Piston cylinders (liners) of flushing pumps are wearing parts and have to be replaced more frequently. For faster and easier Exchange SPH has now developed a new, fully hydraulic clamping device to make developed.

For liner installation, a hydraulic pressure of 210 bar is applied via a quick-release coupling (1), which is transmitted via the piston ring surface (2) expansion screws (3) until the liner is inserted and the clamping ring (4) can be fitted by hand using nuts (5). After the expansion screws tighten the liner via the clamping ring against the pump body.

The Disassembly requires a hydraulic pressure of 235 bar to tighten the clamping ring and the nuts so that they can be removed and the liner can be pulled out.

Advantages

- Unrivalled short clamping and unloading time of only few minutes
- simple assembly from only few components
- permanent tensioning, because no springs included

