



Flexible solutions and systems for steam condensate sampling.

- Fully traceable materials
- Exceptional performance
- Enhances safety for personnel
- Simple installation and connections

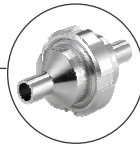
Includes Hygienic Processing Components.....



Sterile Quick Connects



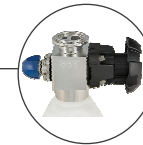
FDA and USP VI Compliant Hoses



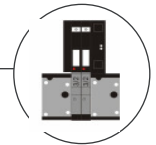
Flushable Ball Check Valves



Diaphragm Valves



Block Solution for connection



Bürkert Pneumatics

Bürkert and BBS are pleased to be able to offer bespoke sampling systems for clean steam condensate which feature semi automatic or fully automatic functionality.

- Fast and safe connection to steam lines
- Flexible programming options to suit sterilization times.
- Sample volume can be selected as required.
- Increased safety for operators and all plant personnel
- Automatic systems requires air supply and power supply only.
- Available as mobile or installed units according to requirements.
- Faster sampling times with optimum reliability.

Consult with us to see what your system could look like.

Technical Overview	
Sample Volume	Bottle sizes from 100ml to 1000ml
Wetted Materials	1.4435 BN2 St/St and Borosilicate Glass
Surface Finish	< 0.8Ra Internals
Valve Operation	Pneumatic or manual
Connectivity	Butt weld or clamp
Operating Pressures (According materials)	-1 to + 0.2 Bar Absolute for glass sample bottle -1 to + 10 Bar Absolute for system Stainless Steel bottle available
Power Supply	Universal
Display and Control Cabinet Function	Interactive control unit Permanent indication of status
Certification Available	Material 3.1, FDA, USP VI

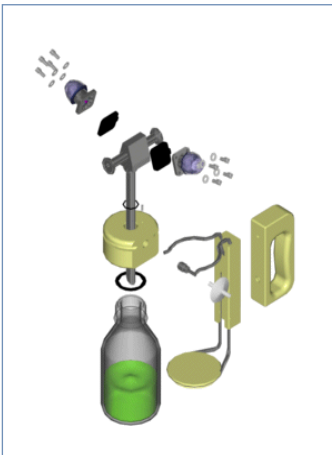
Typical System Includes:

- 1 x manual or pneumatic sample valve block
- 1 x manual or pneumatic 2/2 way valve
- 1 x sampling bottle
- 1 x bottle carrier with fully adjustable handle
- 1 x control cabinet including interactive display, power supply module, pneumatic connections.
- 1 x hose connection kit
- All clamps and connections
- All pneumatic hoses and fittings where applicable
- Transport trolley or bench frame for mounting – according to customer specific needs
- Operation instructions
- Full validation package

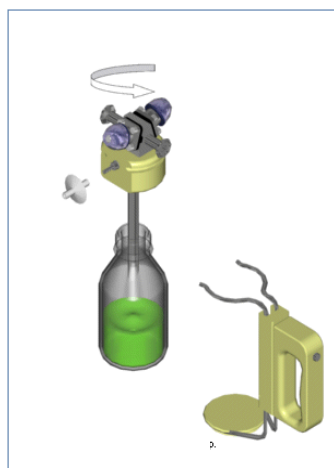
Typical Automatic System Operation:

1. Install bottle into the system.
2. Select sterilization time and desired sample quantity.
3. Start the automatic system.
4. Wait until cycle has finished.
5. Disconnect the bottle.

Standard Bottle Assembly Detail



Bottle Carrier Detail



Example of Bottle & Carrier Solution





Shown here is a sampling system equipped to our demonstration skid. Part of the BBS modular system we can offer a solution to suit every application!



Shown here is a mobile pure water sampling system which was built entirely to customers specifications for connection directly to point of use valves.