

Product Overview Process - Sampling Systems



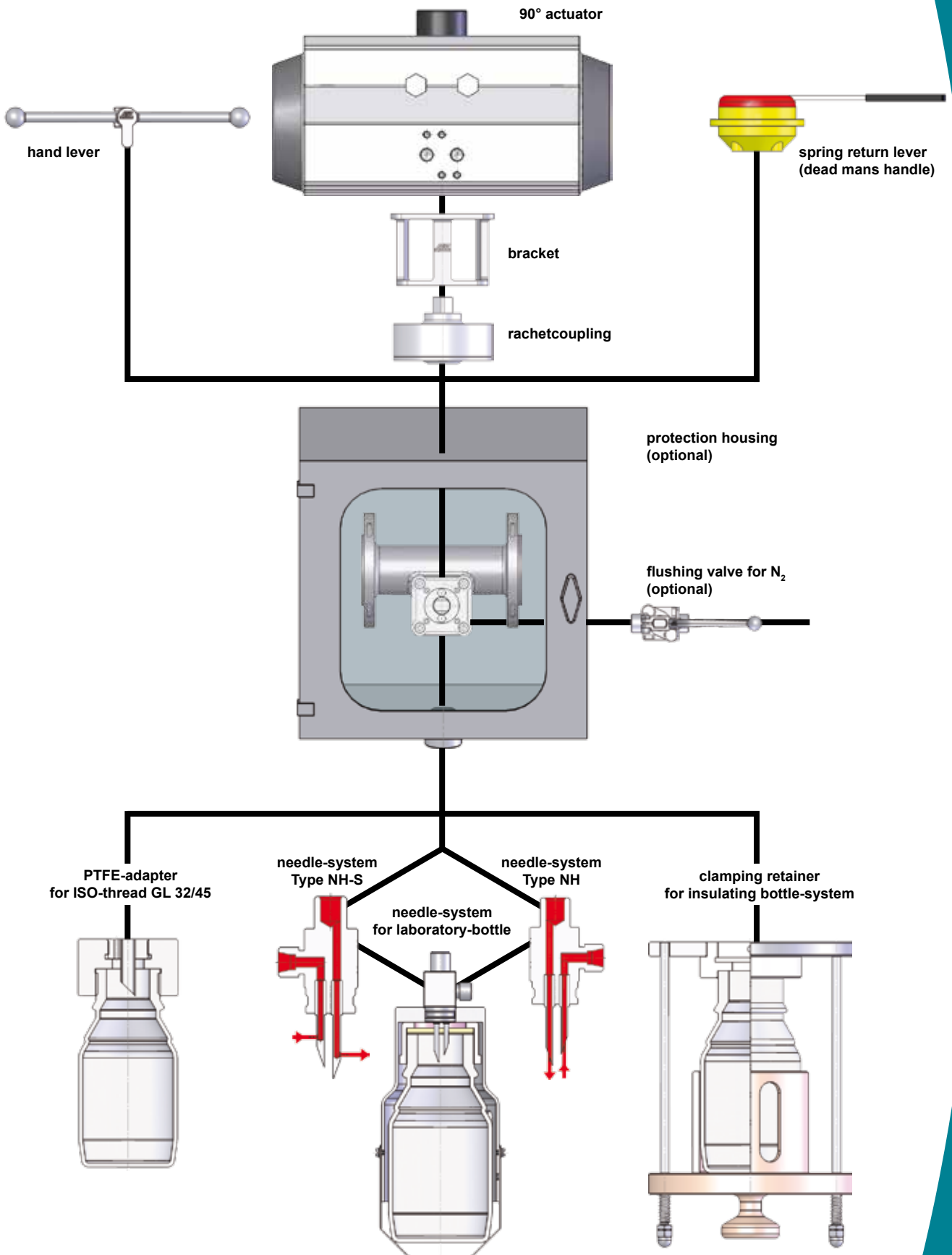
7.0

- representative sample
- pressure free sampling
- defined sample volume
- closed system
- spill safe contamination free
- needle-system with septum
- no flow interruption
- piggable
- sampling in vacuum possible

● Application Spectrum
for AZ-Process Samplers



Product Configurations



Applications



Liquids



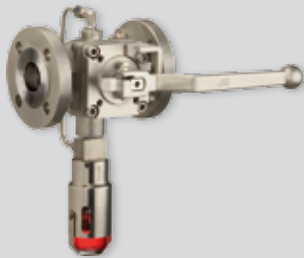
Solids

CONTIFLOW

- DN 15 - 100 / PN 10 - 40
- NPS ½" - 4" / class 150 - 300
- no flow interruption
- piggable
- stainless steel, special materials, PFA-lining



Liquids



SAMPLING

- DN 15 - 100 / PN 10 - 40
- NPS ½" - 4" / class 150 - 300
- spilling eliminated
- no contamination
- stainless steel, special materials, PFA-lining



Liquids



Solids

KP-S

- DN 15 - 100 / PN 10 - 40
- NPS ½" - 4" / class 150 - 300
- sample from container
- stainless steel, special materials, PFA-lining



Liquids



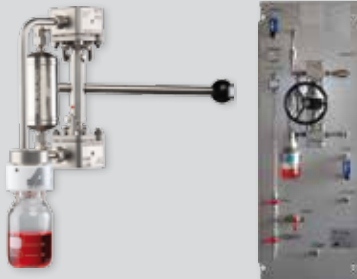
Solids

KA-P

- DN 15 - 100 / PN 10 - 40
- NPS ½" - 4" / class 150 - 300
- sample from container
- stainless steel, special materials, PFA-lining



Liquids

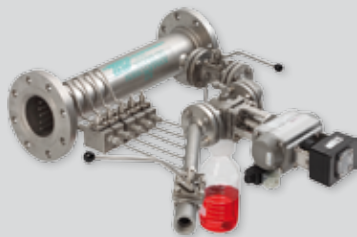


VARIO

- DN 15 - 100 / PN 10 - 100
- NPS ½" - 4" / class 150 - 600
- free definable sampling quantity
- with N₂ purge
- stainless steel, special materials



Two-Phase liquids



SAMPLING-SIC

- DN 15 - 100 / PN 10 - 40
- NPS ½" - 4" / class 150 - 300
- representative long term sample, e.g. crude-oil-loading
- stainless steel, special materials



Liquid gas



LG-SP

- DN 15 - 100 / PN 10 - 40
- NPS ½" - 4" / class 150 - 300
- integrated system purge available
- no contamination
- stainless steel, special materials



Gas



G-SP

- DN 15 - 100 / PN 10 - 40
- NPS ½" - 4" / class 150 - 300
- integrated system purge available
- no contamination
- stainless steel, special materials



Benefits of AZ-Process Sampling Systems

- System Safety**
- sample free of pressure
 - sample isolated from atmosphere
 - piping system never open to atmosphere
 - sampling container never open to atmosphere
 - closed system

- Operation Safety**
- system safe from operation mistakes „Fool-Proof“
 - one - lever operation
 - no operation faults by wrong operation sequence
 - faulty operating positions are impossible
 - system can be automatized
 - spill safe
 - contamination free

- Functional Benefits**
- closed system
 - sample free from system pressure
 - ventilation back to the piping system
 - defined sample volume
 - sample volume independent from operator
 - different sample positions can be combined
 - sample from vacuum

 - representative sample out of product flow
 - automatized sample

 - integrated flushing (N₂)
 - integrated relaxation

- Medium Benefits**
- special materials for corrosive medium
 - lined samplers
 - heating jackets
 - protection housing
 - forced ventilation

- Operational Benefits**
- free of cavities
 - zero leakage
 - maintenance free
 - crystallization safe
 - heatable
 - piggable
 - compact design

- Special design**
- AZ develops customized solutions