



WH Product Line

Precision Dispensing Pumps, Nozzles and Systems

NEOCERAM AVANTI IS A DIVISION OF THE NEOCERAM GROUP



About Us

With decades of combined expertise in non-sterile applications, Neoceram Avanti is a leading provider of advanced liquid dosing solutions.

Combining exceptional engineering and manufacturing resources, we serve the most prestigious clients in the pharmaceutical, cosmetic, FMCG, industrial, and food processing sectors.



WHAT WE DO

Manufacture, supply, & service precision dispensing equipment



UPGRADE

Filling equipment to improve production



REPAIR

Equipment back into your production lines



INVENTORY

Fully-stocked with our pumps & parts



CUSTOMIZE

Your filler to your specific needs



TESTING CENTER

Available onsite to ensure compatibility



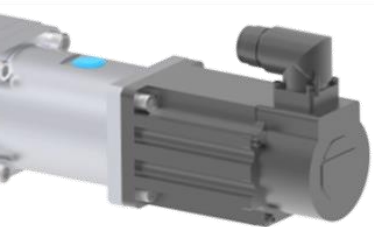
TRAINING

Rebuild & trouble shoot common issues



DEMO/LOAN

Equipment is available
*Fees applicable



NEOCERAM
AVANTI

Standard WH Pumps

NeoCeram's self-actuated WH pumps are **modular, versatile**, and easily integrated into existing automated filling equipment. Benchtop solutions are also available.

Materials

- 316L stainless steel, Pyrex, & PTFE

Actuation

- Pneumatic or servo motor

Distribution

- Check or rotary valve

Volume Range

- 0.01 – 2000 ml

Viscosity Range

- Up to 100,000 cps

*Higher viscosities are achievable with a pressured infeed.

WH Ceramic Pumps

This exclusive line combines the versatility of the WH design with the benefits of our technical ceramics to offer enhanced performances, even with the most complex fluids, i.e., high particulate content or high abrasive products.

Why Ceramics?

- NO dynamic seals
- FDA approved materials
- NO coating & ZERO porosity
- Chemical & wear resistant
- Reduced parts & maintenance
- Increased accuracy
- Seamless integration

*In standard conditions of use max pressure is 50mbar (~0.7 psi)



WH Wagon

- Multi-purpose pump structure
- Equipped with pneumatic or servo WH pumps
- 316L and aluminium frame
- Large variety of assembly setups
- Benchtop solutions available
- Full control package (PLC, HMI, etc.)

Pneumatic reservoir

Heating units

Hopper

Feeding Manifold

Accessories

Mixer

Accumulator unit

Recirculation system

Sensor



Servo Carts



Check valve
design



Rotary valve
design



- Modular design - up to 30 dosing points within same footprint (15 per side)
- Single motor belt drive
- 316L & aluminium construction
- Easy pump installation & removal
- Single or double-sided actuation
- Check or rotary valve pump design
- Enhanced pump cleanability

Accessories include:

Hopper:

- Wide volume range available



Sensors:

- Hopper level
- Temperature
- Stroke control



Controls:

- Electric cabinet
- PLC
- HMI



Continuous / Intermittent Motion Fillers

- Pneumatic or servo actuation nozzle
- 40 – 300 containers per minute
- 316L & aluminum construction frame
- 4 – 12 filling points
- Heated hopper & nozzle available
- Designed for quick product changeover



Nozzles & Fill Tubes

Features	Description
Material	➤ 316L stainless steel
Application	➤ Dosing viscous product ➤ Prevents dripping
Driving	➤ Pneumatic actuation
Design Options	➤ Stroke monitoring sensor ➤ Various designs available ➤ Variety of inlet fittings & tips ➤ Custom designs for specific applications



Services



Design & Engineering



Manufacturing



After Sales Analysis & Support



Training & Education



Testing Facility – Walnutport, PA

Contact Us

Our Customer is the Only Source of Defining Quality



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