

**LEADERS IN LIQUID  
DISPENSING TECHNOLOGY  
FOR OVER 40 YEARS**

## NEOCERAM CREATES CUSTOMIZED APPLICATIONS IN A WIDE RANGE OF INDUSTRIES

**Pharma:** Our precision dosing solutions ensure accuracy and cleanability in pharmaceutical, biologics, and diagnostic applications. Ceramic piston pumps deliver precise dosing, resist contamination, and withstand aggressive chemicals, simplifying maintenance and extending equipment lifespan.

**Home Care:** Designed for speed and corrosion resistance, our pumps handle aggressive chemicals in home care products like detergents and cleaners. They provide accurate, high-speed dispensing, reducing downtime and ensuring durability, making them a long-term investment for manufacturers.

**Cosmetics:** Our pumps are ideal for complex body care products like exfoliating scrubs and thick creams. With resistance to hard particulates, they offer smooth, precise dosing and enhanced cleanability, ensuring consistent quality and hygiene in every batch.

**Food & Beverage:** Hygienic, precise, and durable, our pumps are perfect for dosing sauces, yogurts, and beverages. Their design minimizes contamination risks, simplifies cleaning, and meets strict safety standards, ensuring reliable performance in the food and beverage industry.

**Other Industries:** Our ceramic piston pumps excel in chemical processing, industrial manufacturing, and other sectors. They offer wear resistance, withstand harsh environments, and minimize maintenance, ensuring consistent performance in demanding applications.

Our CUSTOMER is the only source  
of defining quality.

## SUSTAINABILITY AND CERTIFICATION

Neoceram is committed to quality and sustainability, with **ISO 9001 and 14001 certifications**.

In 2023, we installed 1,334 solar panels and support electric mobility, while actively reducing waste and our carbon footprint to build a greener future.



PHARMA



HOME CARE



COSMETICS



FOOD +  
BEVERAGES



OTHER  
INDUSTRIES

Neoceram is a recognized **leader** in industrial ceramics and precision liquid dispensing technology and has earned the **trust** of the **pharmaceutical industry** for over 40 years.

**NEOCERAM:  
DEDICATED  
TO OUR CUSTOMERS,  
ELEVATING THEM  
TO ANOTHER LEVEL,  
SINCE 1985.**

Our commitment to design excellence and manufacturing **innovation** has established a strong and trustworthy reputation, positioning us as a reference point in the market.

Our in-house production team proudly and expertly crafts top-performing **ceramic** from powder to products and systems. Meticulously engineered, totally inert, and impeccably sterilizable, our solutions meet **precision** dosing requirements with unwavering reliability and consistency.



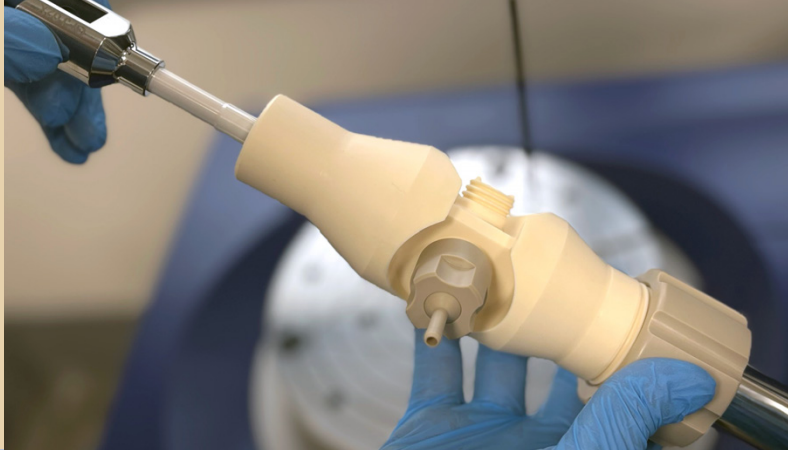
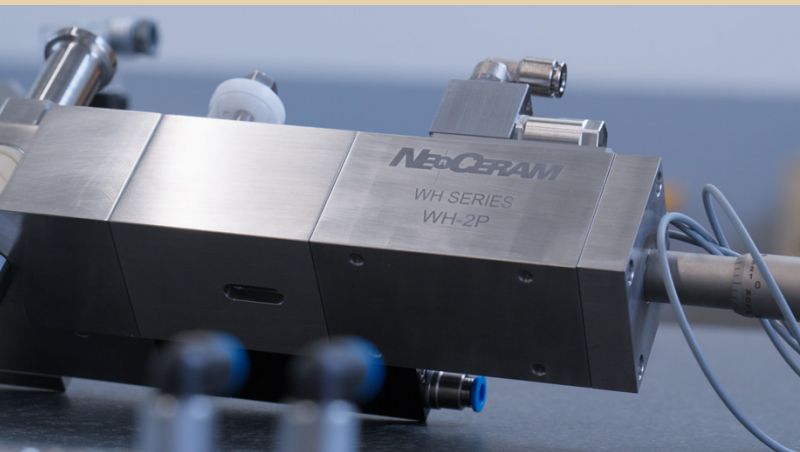
Thanks to the closest personalised, evolutionary **partnership** with our customers, we work together in creating future innovative, superior and totally **customizable solutions** always exceeding industry standards globally.

At Neoceram, together with our customers, we're dedicated to **transforming companies** by elevating them to a higher level of **performance**.



### PLUG & PLAY DOSING PUMPS

High precision seal-less ceramic and stainless steel pumps, fully compatible with leading OEMs machines, offering the highest level of cleanability, CIP/SIP options and much more. Thanks to design features such as a small clearance and geometrical precision, Neoceram pumps can dispense with high accuracy over time..

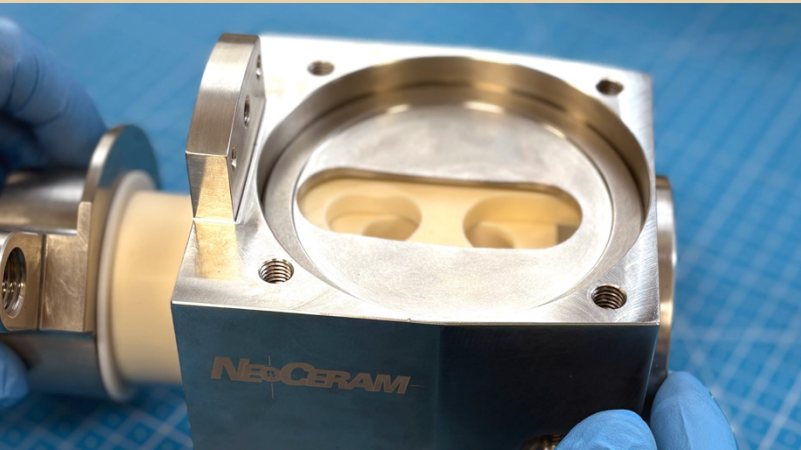


### SELF ACTUATED DOSING PUMPS

Useful in a variety of applications, our dispensing solutions work with pneumatic or servomotor actuation and can be made in different materials, among ceramic, stainless steel and plastic polymers. Thanks to their modular design, these pumps are easily integrated with any filling equipment

### FILLING SOLUTIONS

From 1-head benchtop systems to multi-heads complete solutions, our liquid filling units are developed for stand-alone installations or to be integrated as modular additions to full packaging lines.



### DOSING VALVES

Our dosing valves combine material's properties and high machining & finishing techniques, to obtain solutions with excellent wear resistance and longevity

### ACCESSORIES & COMPONENTS

We can provide whatever components needed to complete your filling solutions for different applications: needles, shutter nozzles, sterilization /manipulation trays, manifolds and much more.



## ENGINEERED UNIQUENESS

### CERAMIC COMPOUNDS

**Pharmalox®**, **Pharmazirc®** and **Thermazyl®** are exclusive compounds designed and manufactured internally by Neoceram, delivering superior performances thanks to extraordinary mechanical features and high fluids compatibility.

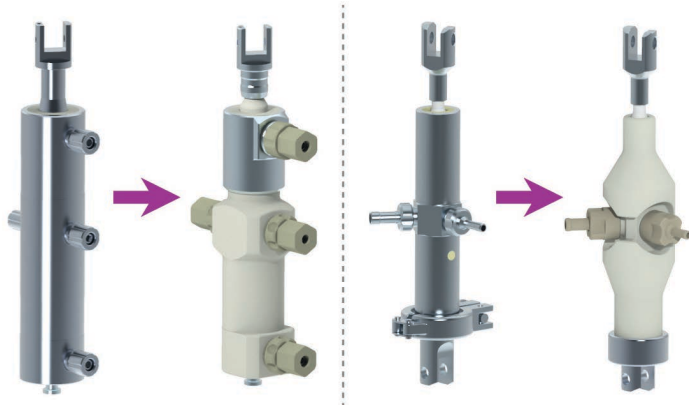
We control our manufacturing processes from powders to finished products and can provide full traceability of our dosing solutions under ISO9001 certification. Moreover, all our compounds are fully compliant with Directive 80/500/EEC amended and FDA regulation.



	Density [g/cm³]	Hardness [HV]	Bend Strength [Mpa]	Young's Modulus [Gpa]	Thermal Expansion Coefficient [10-6/K]	Thermal Conductivity [W/mK]
Pharmalox®	3,90	1.800	310 ÷ 400	360 ÷ 390	7,5	30
Pharmazirc®	5,80	1.300	800 ÷ 900	200 ÷ 205	10,5	2
Thermazyl®	4,30	1.600	600 ÷ 700	350	9,0	20
AISI 316L*	8,00	1.000	NA	200	17,0	16

\*with chrome coating

### NAKED® PUMPS



Excluding the filling machine connections, all other parts of the pump are made entirely from single monolithic ceramic material, ensuring an improved cleanability and faster cooling process, ideal for CIP/SIP solutions and metal sensitive products.

### X-CHANGE®



Thanks to our expertise in machining, Neoceram can guarantee fully interchangeable male components, not only for parts produced within the same batch, but between batches having the same clearance. This prevents the risk of incorrect assembly and enables the replacement of damaged parts quickly and cheaply.



**NEOCERAM; PROVIDING CONSISTENCY,  
CONTINUITY AND A STRONG CUSTOMER-  
CENTRIC MINDSET**

## NEOCERAM IN THE WORLD



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