

DENSO

NEW VS SERIES H₂O₂ / UV RESISTANT



VS-050 Payload: 4 kg
Arm reach: 520 mm

VS-087 Payload: 7 kg
Arm reach: 905 mm

Specialised Robot for Pharmaceutical
& Medical Industries

www.densorobotics-europe.com

NEW VS H₂O₂ / UV SERIES /

PRECISE. FAST. COMPACT. RESISTANT.

As the established market leader in the small assembly industrial robots segment, DENSO Robotics continues to set the benchmark in reliability, flexibility and functionality. **With 77,000 DENSO robots installed across the globe - 17,000 of which are employed in its own manufacturing facilities** - no other company has more knowledge or expertise.

DENSO Robotics follows the needs of growing markets and presents functional, innovative and high-quality products.

The DENSO 6-axis **New VS H₂O₂ / UV Series** offers a sleek and futuristic design that is suitable specifically for a cleanroom environment. The New VS H₂O₂ / UV Series complies with sanitary standards such as IPA and UL. In addition, it is resistant to strong sterilization chemicals such as H₂O₂ spray and Ultra Violet light, it has a sanitary design and it is easy to maintain. All while preserving DENSO's fast, precise, compact and now highly resistant image.

Features

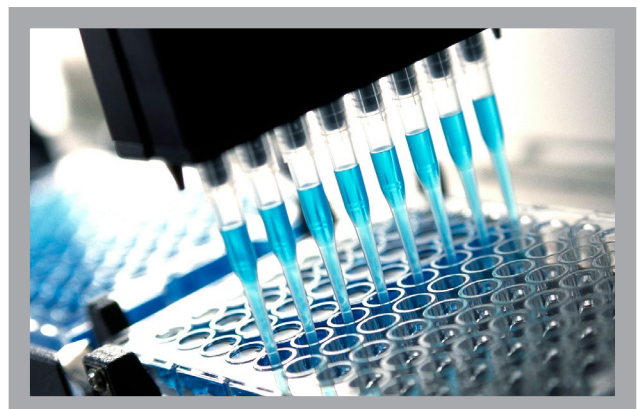
- Cleanroom ISO 5
- H1 Grease
- Certification: IPA & UL
- Mounting options: floor, ceiling, wall

Industries

- Pharmaceutical
- Medical
 - Medical devices
 - Medicine
 - Cell culture

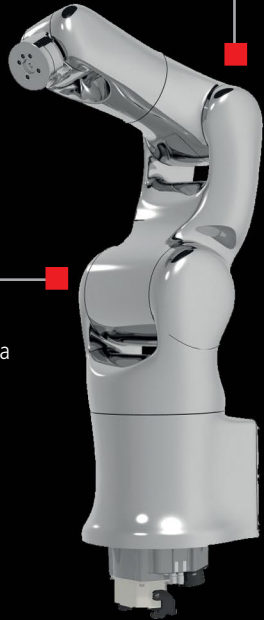
Applications

- Material handling
- Pick & place
- Packaging
- Customised projects



PAYLOAD: 4 kg (VS-050) and 7 kg (VS-087) | ARM REACH: 520 mm (VS-050) and 905 mm (VS-087)

Round Forms. Hinder the accumulation of bacteria in hard to reach places.



No Screws. Inhibits bacteria from collecting under screw heads.

Internal Wiring. When connecting a flange or any other device, all wiring is internal to prevent both tangling and destroying the wires with strong chemicals while cleaning.



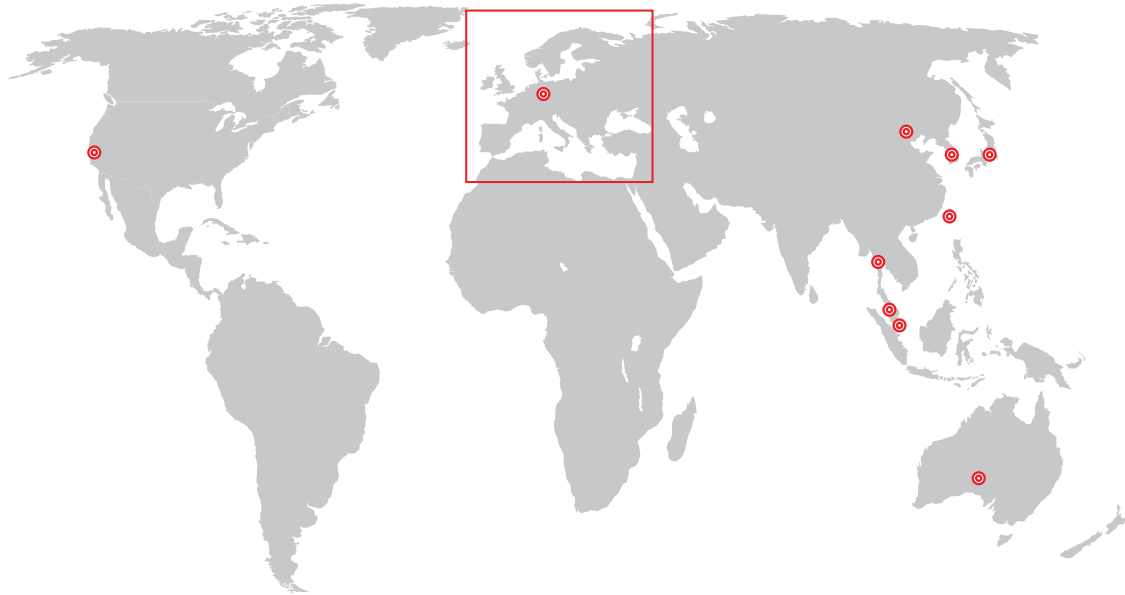
Hygienic Design. Shiny and smooth surface is easy to clean and to spot dirt.

Bottom Connector Cable. Seals all cables in and keeps bacteria out.

SPECIFICATIONS

	VS-050	VS-087
Robot Mounting Options 		
Overall arm length	520 mm (255 mm + 265 mm)	875 mm (445 mm + 430 mm)
Maximum motion area (Wrist Center)	520 mm	905 mm
Maximum payload	4 kg	7 kg
Maximum composite speed	8675 mm/s	10 200 mm/s
Position repeatability	±0.02 mm	±0.03 mm
Wiring / Air piping	10 lines* / 2-position double solenoid	10 lines* / 2-position double solenoid
Communication interface flange-A	25 lines	25 lines
Cleanroom	Class ISO 5	Class ISO 5
Weight	34 kg	70 kg

* Four lines with flange A option



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- Germany (Headquarters)
- Austria | Benelux | Czech Republic (covers Slovakia & Poland) | Denmark (covers Norway) | Finland | France | Israel | Italy | Lithuania (covers Latvia) | Romania (covers Hungary) | Serbia (covers Slovenia, Croatia, Bosnia & Herzegovina, Montenegro, Macedonia & Bulgaria) | Spain | Sweden | Switzerland | Turkey | United Kingdom (covers Ireland)

Headquarters:

DENSO Robotics Europe | DENSO EUROPE B.V.

Waldeckerstr. 9, 64546 Moerfelden-Walldorf, Germany

t: +49 (0) 6105 27 35 150 f: +49 (0) 6105 27 35 180

@: info@densorobotics-europe.com (commercial information)

@: support@densorobotics-europe.com (technical support)

For more information



The QR-Code's inventor