

SERS sensor

- + Designed and optimized for the highest user flexibility
- + High sensor-to-sensor reproducibility
- + Ultrahigh optical field enhancement
- + Ultralow detection limit
- + Exceptional uniformity

Product Description

Order code: 0801-01

Content: 5x SERS sensors

Chip Dimensions: 76 x 26 mm containing 6 SERS active areas

Active Area: 2 mm in diameter, highly uniform gold nanostructures

Excitation range: $633 \text{ nm} \leq \lambda$, optimum at 785 nm

Substrate: N-BK7 glass

Shelf life: 6 months

Storage: Keep in clean closed box

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Applications

- Drug discovery and screening
- Pharmaceutical development
- Material science
- Life science research
- Biomedical sensing
- Biological sensing
- Chemical sensing

Contamination-Free

The whole fabrication process of the SERS sensors is conducted in an ISO class 5/7 cleanroom which ensures best possible quality of the product. The sensors are packed under nitrogen atmosphere, sealed in a moisture shielding metallized bag and ready to use.

Custom Designs

LSPR AG can supply a wide range of custom designed SERS sensors compatible with major Raman instruments.