

sciFLEXARRAYER S3 NANO A/D

Next Generation of nanoliter precision microdispensing



SCIENION's sciFLEXARRAYER S3 NANO A/D stands out by its accuracy and flexibility to dispense nano to microliter volumes. With up to four channels and advanced piezo motor pump technology, this non-contact liquid handler deposits the exact volume entered without the need for preparation or calibration.

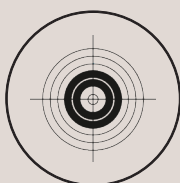
Additionally, highly reliable precision microdispensing minimizes waste of sample and reagents, resulting in lower costs.



Jets from 50 to
5000 nL



1-4 channels



CV < 2%



Flexible instrument
configuration



Easy-to-use
technology

SMALL is the new BIG

Benefits

- Highly accurate & reliable volume dispensing
- High efficiency: significantly less time for priming per channel & calibration
- Reduced risk of operational mistakes
- Less sample & reagent waste
- Convenient handling of software and hardware
- Flexibility in instrument configuration
- Scalable from RnD to production needs
- Small footprint
- Broad spectrum of biological samples, such as viscous samples

Applications

Microarrays



Biosensors

Drug
Discovery



Lateral
Flow

Point-of-care
testing



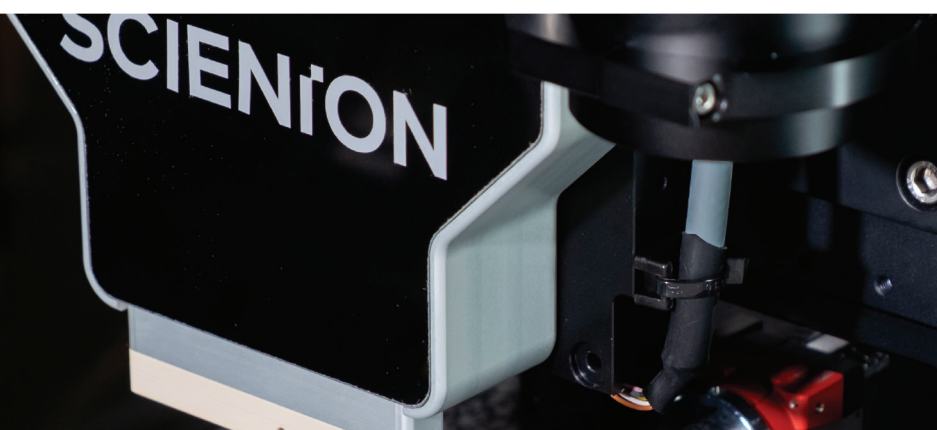
Microfluidics

Microwell
Plate Filling



Custom
Applications

Detail	Technical specification
Dispensing style	Non-contact / Piezo motor pump / Ceramic tips
Dispensing method	Aspirate and dispense
Channels	Up to 4
Dispense control	Integrated CCD camera
Spottable area (X x Y)	227 x 276 mm
Capacity	Up to 4 MTPs or 36 standard glass slides
Axis	X-Y-Z- spindle drives
Dimensions	760 x 850 x 650 mm (Pump tower: 600 x 550 x 550 mm)
Weight	160 kg
Surface tension	Down to 8mN/m
Viscosity	Up to 40 mPA*s



Visit our
website to
learn more



Contact Us

SCIENTION GmbH

Wagner-Régeny-Str. 15
12489 Berlin, Germany
Fon +49 (0)30 6392 1700
Fax +49 (0)30 6392 1701
support@scienion.com
www.scienion.com

SCIENTION US, Inc

1231 W Warner Rd #103
Tempe, AZ. 85284 USA
Tel: +1 (888) 988-3842
USsalesupport@scienion.com
www.scienion.com

SCIENTION (UK) Ltd

2000, Lakeside North Harbour
Western Road, Portsmouth
PO6 3EN, United Kingdom
+44 (0)7483 388 271
+44 (0)23 9323 3603
support@scienion.com

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