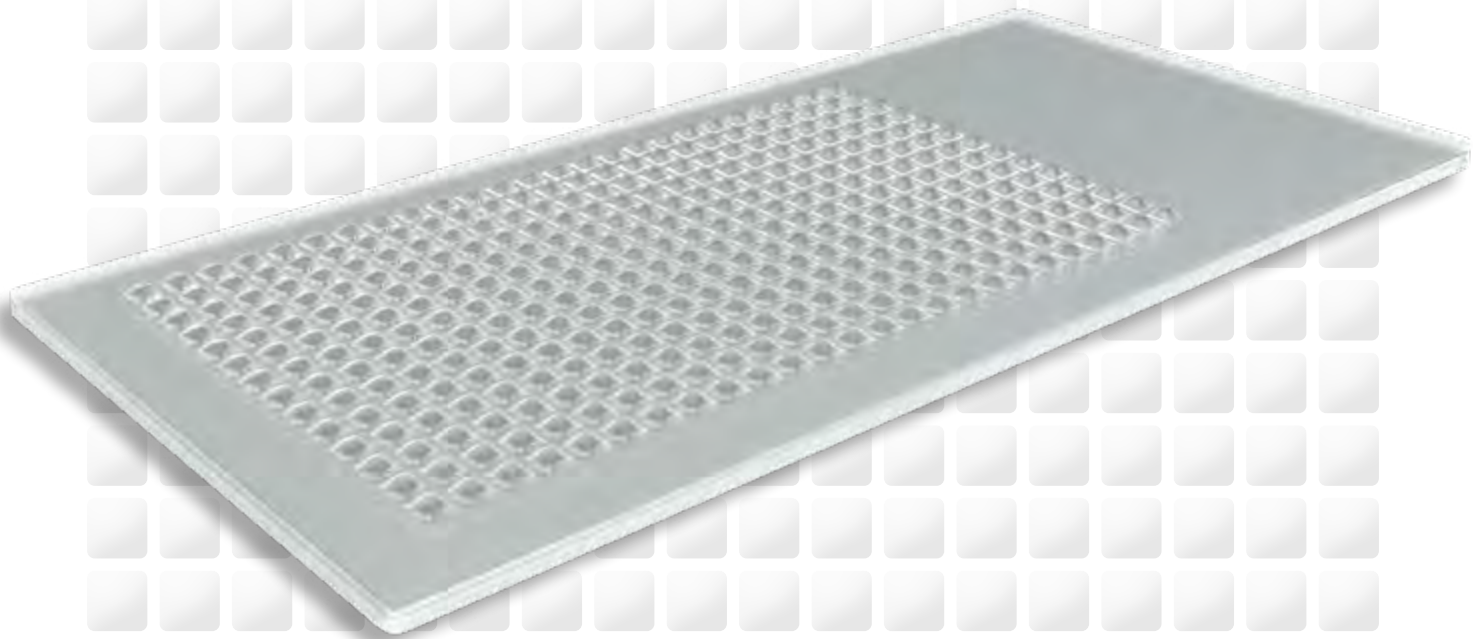
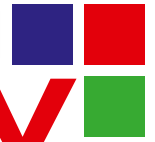


AQUARRAY



PRODUCT CATALOGUE 2023

DROPLET MICROARRAY



A revolutionary technology for miniaturized high-throughput screening

DMA-SLIDES

Please build the catalogue number of the DMA according to your requirements.

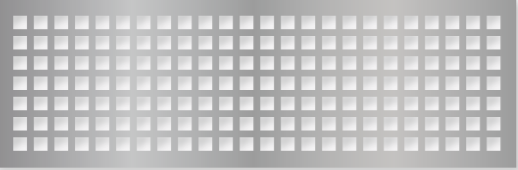
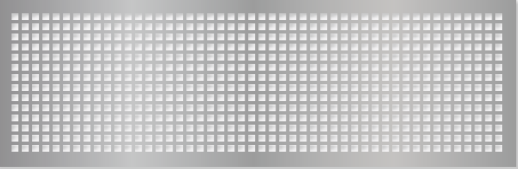
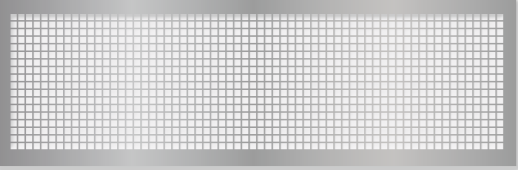
I) Substrate Type + II) Surface Type + III) Pattern Number

I SUBSTRATE TYPE	
Borosilicate Glass uncoated: G	Borosilicate Glas ITO coated: I
This substrate is used for standard chemical and biological work.	Conductive and IR-reflective properties of the Indium-tin oxide (ITO) coating make Aquarrays DMA compatible with applications such as on-chip MALDI-TOF mass spectrometry or IR spectroscopy

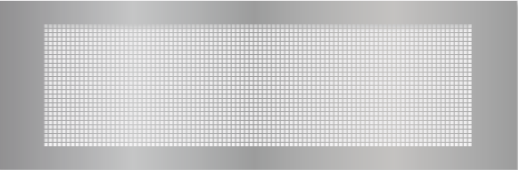
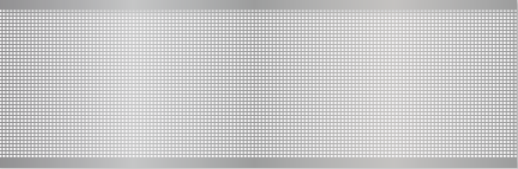

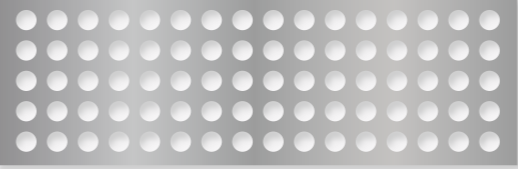
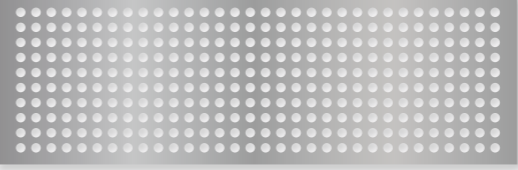

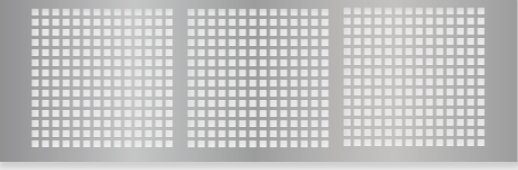
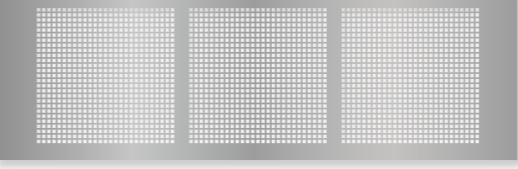
+ II

II SURFACE TYPE	
Surface Type: np	Surface Type: dd
A surface compatible with aqueous media	A surface compatible with both aqueous and organic solutions

+ III

III PATTERN NUMBER (101 -103)	
101	 <p>Square Spots: 7 x 24 = 168 Spot Dimensions: 2000 µm x 2000 µm. Boarder Dimensions 1000 µm Dot Pitch 3000 µm</p>
102	 <p>Square Spots: 14 x 48 = 672 Spot Dimensions: 1000 µm x 1000 µm. Boarder Dimensions 500 µm Dot Pitch 1500 µm</p>
103	 <p>Square Spots: 18 x 64 = 1152 Spot Dimensions: 900 µm x 900 µm. Boarder Dimensions 225 µm Dot Pitch 1125 µm</p>



III PATTERN NUMBER (105 - 302)	
105	 <p>Square Spots: 28 x 96 = 2688 Spot Dimensions: 500 µm x 500 µm. Boarder Dimensions 250 µm Dot Pitch 750 µm</p>
106	 <p>Square Spots: 42 x 144 = 6048 Spot Dimensions: 350 µm x 350 µm. Boarder Dimensions 175 µm Dot Pitch 425 µm (?? 525 µm)</p>
107	 <p>Square Spots: 36 x 128 = 4608 Spot Dimensions: 400 µm x 400 µm. Boarder Dimensions 150 µm Dot Pitch 550 µm</p>
201	 <p>Round Spots: 5 x 16 = 80 Spot Dimensions: 2828 µm. Boarder Dimensions 1672 µm Dot Pitch 4500 µm</p>
202	 <p>Round Spots: 10 x 32 = 320 Spot Dimensions: 1414 µm. Boarder Dimensions 836 µm Dot Pitch 2250 µm</p>
203	 <p>Square Spots: 18 x 64 = 1152 Spot Dimensions: 900 µm. Boarder Dimensions 225 µm Dot Pitch 1125 µm</p>
301	 <p>Square Spots 3 fields à 14 x 14 = 196 → 588 Spot Dimensions: 1000 µm x 1000 µm. Boarder Dimensions 500 µm Dot Pitch 1500 µm</p>
302	 <p>Square Spots 3 fields à 27 x 27 = 729 → 2187 Spot Dimensions: 500 µm x 500 µm. Boarder Dimensions 250 µm Dot Pitch 750 µm</p>

DMA-PLATES (P)

The DMA-Plates combine the unique qualities of the DMA-Slides with the versatility of a microtiter plate. Please build the catalogue number of the DMA according to your requirements.



I) Plate (P) I) Substrate Type + II) Surface Type + III) Pattern Number

You can combine your plate with the same features as stated above.

ACCESSORIES

Choose from a range of accessories to make working with DMA-Slides easier.



AQP-0001 Humidifying Buffer InQClassic 100mL

This buffer helps you to keep a humid environment, that prevents evaporation of the droplets.



AQP-0002 10 x Humidifying Pad Petri Dish

The pads fit into the lids of cell culture petri dishes and prevent evaporation when wetted with "Humidifying Buffer InQClassic".



AQP-0003 10 x Humidifying Pad SBS Lid

The pads fit into the lids of DMA-Plates and prevent evaporation when wetted with "Humidifying Buffer InQClassic".



AQP-0005 Adaptor for DMA-Slide

Use this adaptor to dispense liquids onto your DMA-Slides. The adaptor can hold up to 4 DMA-Slides and fits into most of the nano dispensers.



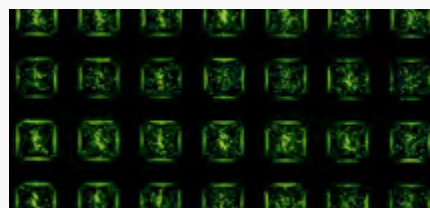
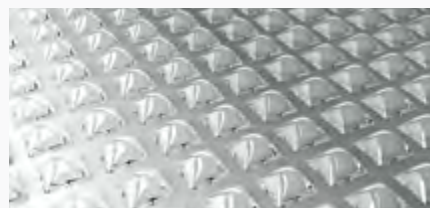
AQP-0006 Hanging Droplet Table 76 mm x 25 mm

On this table you can cultivate your droplets in an upside-down position. This is used to grow spheroids in hanging droplets.



AQP-0009 Adaptor for DMA-Slide (Echo)

Use this adaptor to dispense liquids onto your DMA-Slides. The adaptor can hold up to 4 DMA-Slides and fits into the upside-down setup of the Echo Liquid Handler by Beckmann.



Aquarray GmbH

Hermann-von-Helmholtz-Platz 6
76344 Eggenstein-Leopoldshafen
Germany

Phone +49 7247 206 900 8

team@aquarray.com

www.aquarray.com

Bank: Sparkasse Karlsruhe
IBAN: DE06660501010108270976
BIC: KARSDE66XXX
TIN: DE318912623

Managing Director:

Dr. Tim Friedrichson

Registry: HRB 730579 Mannheim



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 880019