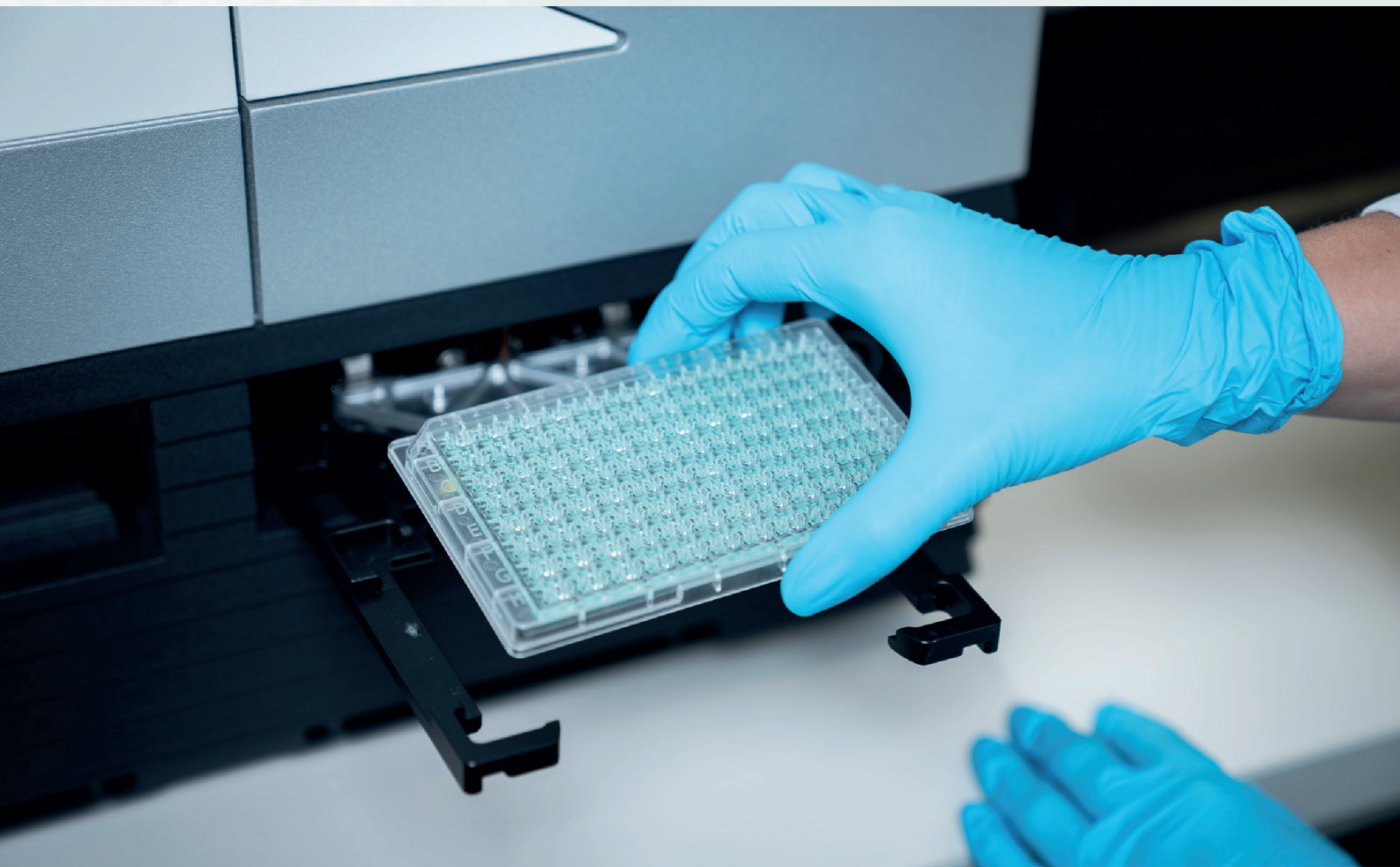




The better standard for plate-based UV/VIS-spectroscopy

Meet SpecPlate, our revolutionary 96-well plate, and launch a new era of absorbance measurement for process development and quality control.



Speed up by factor 4

Boost workflow efficiency with up to 4x more data and speed with less working volume.

Eliminate dilution steps

Removing error-prone dilution steps for high-concentration samples

Save time

Reduce hands on time and pipetting effort.

Slash consumable waste

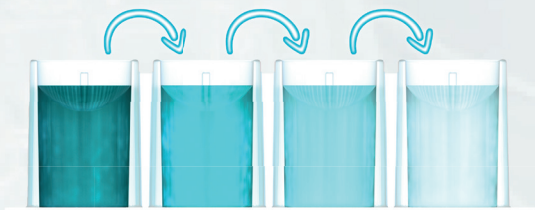
Up to 70% reduction in consumable consumption.

Enhance reproducibility

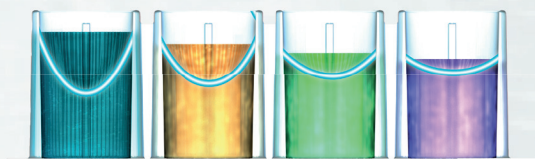
Eliminate common microplate problems and pipetting errors and increase precision and accuracy.

Seamless integration

Seamlessly integrated into high-throughput workflows with standard plate reader



Narrow measuring range requires dilution steps



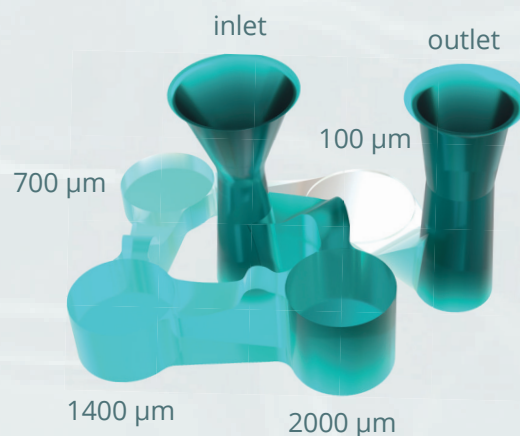
Liquid menisci in standard wells

Challenges with traditional UV multiwell plates:

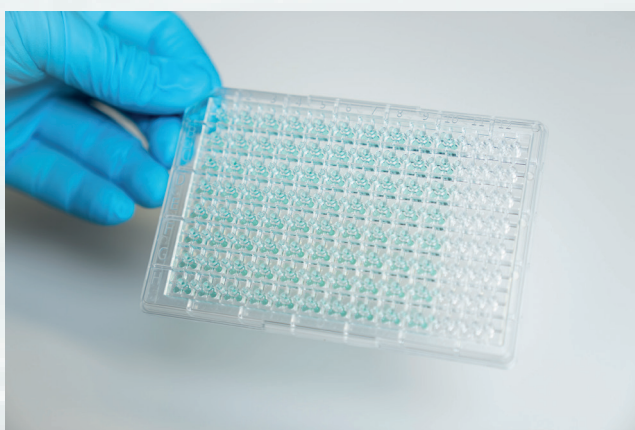
- **Prone to errors**
Pipetting inaccuracies
- **Liquid meniscus**
Changes with sample composition
- **Limited measurement range**
Requires dilution steps

The solution is SpecPlate:

- **Innovative measurement structure**
Pipetting inaccuracies
- **Dilution-free across a wide concentration range**
Physical dilution with just 36 μL sample volume
- **No extra equipment - Seamless integration**
Designed strictly to ANSI/SLAS standards



One measurement structure with four measuring chambers



SpecPlate according to ANSI/SLAS

Benefits of using SpecPlate:

- **Save time**
Up to 36% faster than standard multiwell plates*
- **Slash lab waste**
Up to 70% reduction in consumable consumption*
- **Analytical advancement**
Slope method - Up to 4 values per well

* Calculation of an example process with a dilution series in standard multiwell plates.

This makes our SpecPlate the better standard.



For more information, visit
www.phabioc.com

or contact us at
info@phabioc.com



Book a meeting