

Selection Guide

Agilent Seahorse XF Instruments



Agilent Seahorse XF Pro Analyzer



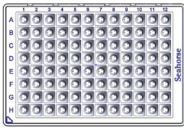
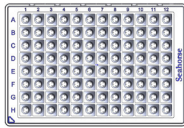
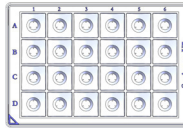

Agilent Seahorse XFe96 Analyzer



Agilent Seahorse XFe24 Analyzer



Agilent Seahorse XF HS Mini Analyzer

Plate format				
Microchamber volume	2 μ L	2 μ L	7 μ L	2 μ L
Controller	Combination computer and touch-screen display running Windows 10 (64-bit) connected to the analyzer	Combination computer and touch-screen display running Windows 10 (64 bit) connected to the analyzer	Combination computer and touch-screen display running Windows 10 (64 bit) connected to the analyzer	Integrated full-color, touch-screen interface running Windows 10 (64 bit)
Software	Wave Pro Controller software includes preloaded templates for quick experimental design, automatically calculates rates in real time, and provides tools for data interpretation as well as export options	Wave Controller software includes preloaded templates for quick experimental design, automatically calculates rates in real time, and provides tools for data interpretation as well as export options		Integrated software guides setup for standard assays, automatically calculates rates in real time, and provides simple file transfer for data analysis. Seahorse Analytics cloud-based software provides analysis tools and data export options.
Best for	<ul style="list-style-type: none"> – Phenotypic screening – Testing many conditions at once – Dose-response studies 	<ul style="list-style-type: none"> – Phenotypic screening – Testing many conditions at once 	<ul style="list-style-type: none"> – Islets – Small model organisms 	<ul style="list-style-type: none"> – Quantity-limited primary cells – Low-respiring cell types – T cell subsets
Key advantages	<ul style="list-style-type: none"> – Highest-throughput XF analyzer – Maximum experimental flexibility – Validated for hypoxia – Validated for assay temperatures 16 to 42 °C (8 to 20 °C lower ambient temperature required) – High-sensitivity XF analyzer – Automation-ready – Verified optimal measurement ranges – Analytical Instrument Qualification service – Compatible with XF Pro QC kit – Wave Pro data quality view 	<ul style="list-style-type: none"> – Highest-throughput XF analyzer – Maximum experimental flexibility – Validated for hypoxia – Validated for assay temperatures 16 to 42 °C (12 to 20 °C lower ambient temperature required) 	<ul style="list-style-type: none"> – Validated for hypoxia – Validated for assay temperatures 16 to 42 °C (12 to 20 °C lower ambient temperature required) 	<ul style="list-style-type: none"> – High-sensitivity XF analyzer – Most reliable and reproducible for measuring low OCR rates – Easy to set up and run via streamlined interface
Compatible plate types	<ul style="list-style-type: none"> – XF Pro M plate – XF96 plate – XFe96 PDL plate – XFe96 spheroid plate – XFe96/XF Pro plate – XFe96/XF Pro PDL plates 	<ul style="list-style-type: none"> – XF96 plate – XFe96 PDL plate – XFe96 spheroid plate – XFe96/XF Pro plate – XFe96/XF Pro PDL plates 	<ul style="list-style-type: none"> – XF24 V7 plate – XF24 V28 plate – XF24 islet capture plate 	<ul style="list-style-type: none"> – XFp miniplate – XF HS miniplate – XFp PDL miniplate – XF HS PDL miniplate

All Agilent Seahorse XF Analyzers feature:

- Compatibility with adherent and suspension cells as well as isolated mitochondria and nonmammalian samples
- Ability to perform up to four independent injections per well with automatic mixing
- Automatic calculation of oxygen consumption rate (OCR) and extracellular acidification rate (ECAR)
- Simultaneous measurement of OCR and ECAR in the same well
- Sensitivity for small sample sizes
- Ability to quantify mitochondrial respiration, glycolysis, and ATP production rates
- Label-free detection in live cells, in real time
- Windows-compatible desktop software (Wave) for viewing and exporting your Agilent Seahorse XF data
- Cloud-based Seahorse Analytics: accessible, streamlined tools to analyze and interpret your XF data



www.agilent.com/chem/discoverXF

For Research Use Only. Not for use in diagnostic procedures.

RA44463.6681712963

This information is subject to change without notice.

© Agilent Technologies, Inc. 2020, 2021, 2022
Printed in the USA, January 11, 2022
5991-8215EN

Your Contact in Switzerland:



Bucher Biotec AG
Viaduktstrasse 42
CH-4051 Basel
Tel. 061 269 1111
info@bucher.ch
www.bucher.ch

Bucher Biotec AG is the official channel partner of Agilent for all Seahorse products in Switzerland.

- Reagents, Consumables and Instruments -

For your own convenience and fastest delivery times, please place your orders directly with Bucher Biotec AG

orders@bucher.ch