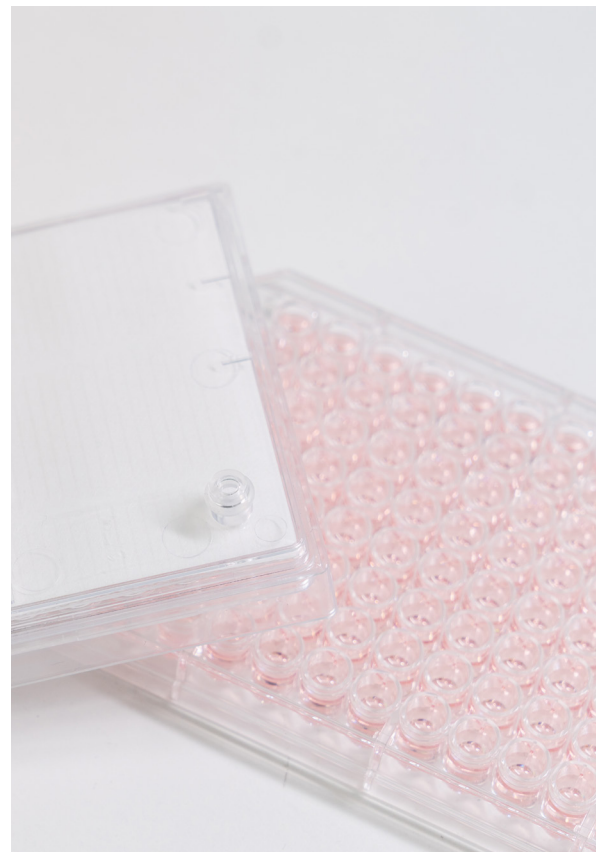


C.BIRDTM

Mix the wells, Boost your cells

Unleash the full potential of 96/24-Well Plate Cell Culture



Enable agitation culture environment in 96/24-well plates!

C.BIRD is a compact instrument that enables adjustable agitation environment in standard 96/24-well plates. C.BIRD safeguards your cell culture with the patented mixing technology, performing suction and expulsion to enable continuous or periodic reciprocating mixing

during cell culture. This feature guarantees superior oxygen transfer rate and more even distribution of nutrients, growth factors, and other critical components.

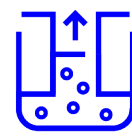
"No more worries about shaker diameter, weight loading, or countless accessories."



Increase oxygen transfer rate



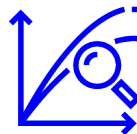
Higher cell density, viability



Homogenous media composition



Streamlined workflows



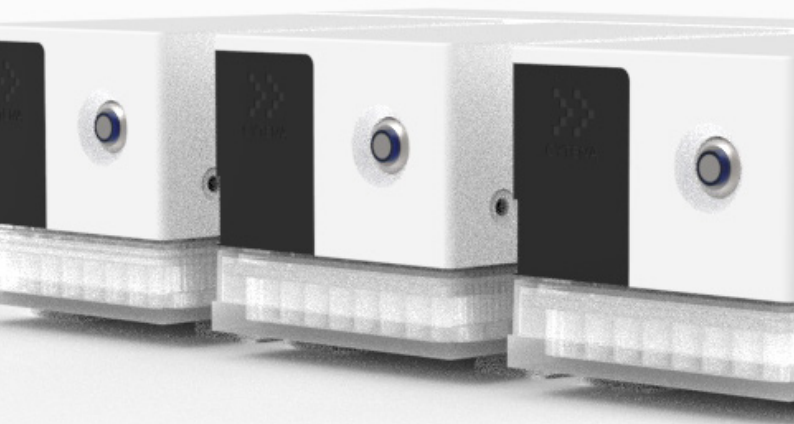
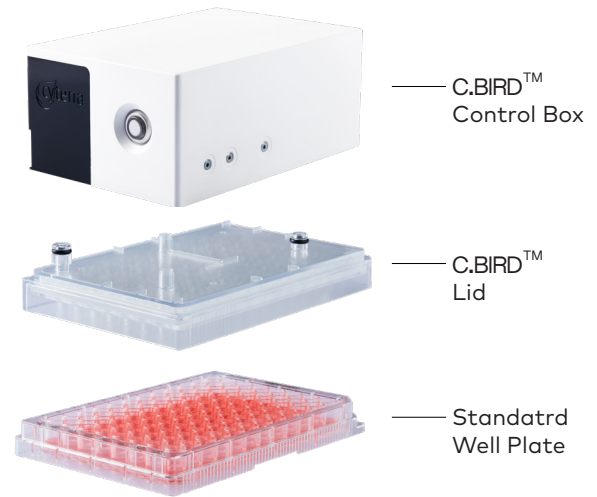
Low shear rate mixing to reduce stress on cell lines



Compact and user-friendly

Innovative Agitation Solution: C.BIRD System

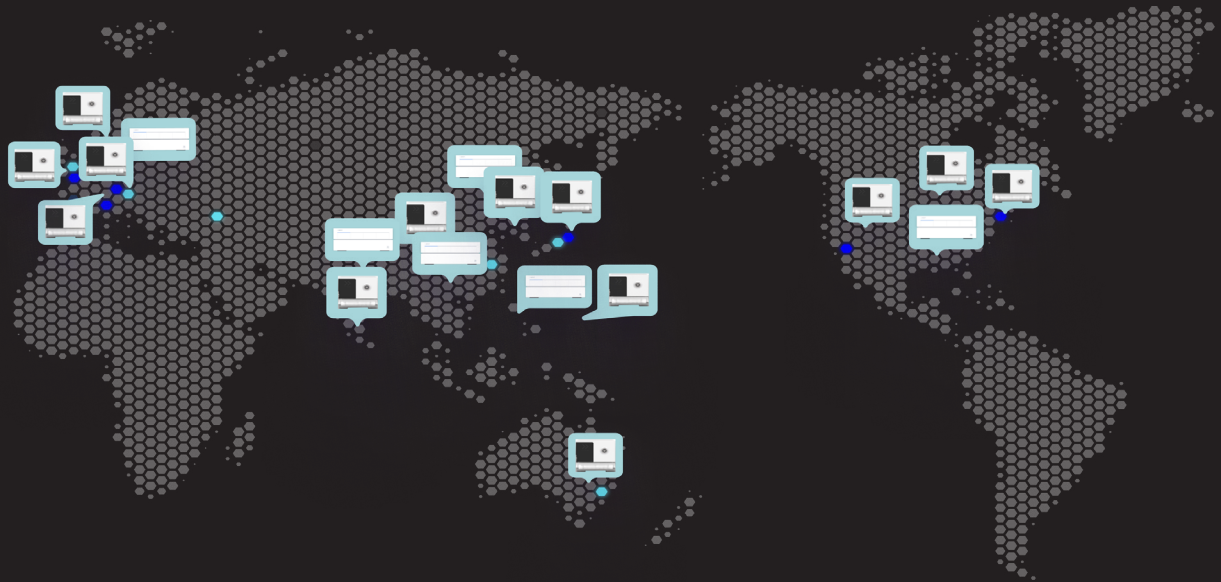
The C.BIRD device consists of a control box and a consumable C.BIRD lid for mixing culture. The device is compatible with a standard 96/24-well plate. The novel C.BIRD lid with 96/24 fluidic channels is inserted into a well plate. Via these fluidic channels, the control box exerts continuous reciprocal mixing in every well, each with working volumes of 150-200 μL for 96-well plates and 1000-1600 μL for 24 well-plates.



Compact Design That Best Fits Your Workflow

C.BIRD stands out as a compact yet automated laboratory instrument, weighing just 332g for a single control unit. The compact size of C.BIRD allows the device to run in a standard cell culture incubator. It also comes with one docking station, three control units and a user-friendly software for parameters control and monitoring. A connecting USB cable and a standard laptop for power supply (5V) and data transfer are all that are required to use C.BIRD.

"Join the ever-expanding community of C.BIRD users and experience the immense potential it holds for advancing scientific knowledge and innovation."

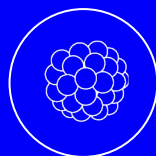


C.BIRD has garnered widespread recognition and adoption, with a growing community of users spanning the globe. From renowned research laboratories at esteemed academic institutions to industry-leading pharmaceutical companies, countless users worldwide have embraced the transformative capabilities of C.BIRD. The global network of C.BIRD users stands as a testament to its effectiveness, reliability, and ability to revolutionize cell culture workflows.



Biologics

Cell line
development



3D culture

Spheroid / Organoid



Patient-derived blood cell culture

Contact us now

info@cytena-bps.com

To learn more about C.BIRD and how it can bring your cell culture experiments to new heights. Together, let's shape the future of scientific innovation.

Specifications

General characteristics		
Dimensions of C.BIRD		
Width	183	[mm]
Depth	303	[mm]
Height	82	[mm]
Weight of Docking Station	1,280	[g]
Dimensions of Control Unit (each)		
Width	85	[mm]
Depth	128	[mm]
Height	53	[mm]
Weight	332	[g]
Power cord characteristics		
5V, 900mA, USB 3.0, 180 cm length		
Installation category	CAT II	-
Ambient conditions		
Min. temperature	5	[°C]
Max. temperature	45	[°C]
Humidity (non-condensing)	95 ± 5	[%]
Indoor use	Yes	-
Outdoor use	No	-
Pollution degree	2	-
Transportation/storage conditions		
Min. temperature	20	[°C]
Max. temperature	70	[°C]
Humidity (non-condensing)	95 ± 5	[%]
Culture conditions		
Mixing rate (96-well format)	15 – 50 s ± 2	[seconds]
Mixing rate (24-well format)	25 – 50 s ± 2	[seconds]
Working volume (96-well format)	150 – 200	[µl]
Working volume (24-well format)	1,000 – 1,600	[µl]



CYTENA BPS, A BICO COMPANY

©2023 BICO AB. All rights reserved. Duplication and/or reproduction of all or any portion of this document without the express written consent of BICO is strictly forbidden. Nothing contained herein shall constitute any warranty, express or implied, as to the performance of any products described herein. Any and all warranties applicable to any products are set forth in the applicable terms and conditions of sale accompanying the purchase of such product. BICO provides no warranty and hereby disclaims any and all warranties as to the use of any third-party products or protocols described herein. The use of products described herein is subject to certain restrictions as set forth in the applicable terms and conditions of sale accompanying the purchase of such product. BICO may refer to the products or services offered by other companies by their brand name or company name solely for clarity and does not claim any rights to those third-party marks or names. BICO products may be covered by one or more patents. The use of products described herein is subject to BICO's terms and conditions of sale and such other terms that have been agreed to in writing between BICO and user. All products and services described herein are intended FOR RESEARCH USE ONLY and NOT FOR USE IN DIAGNOSTIC PROCEDURES.

Edited version: Jan 2025 | CBS_PUB_CBIRD_Brochure_Print

info@cytena-bps.com | +886 2 27206135 | www.cytenua-bps.com