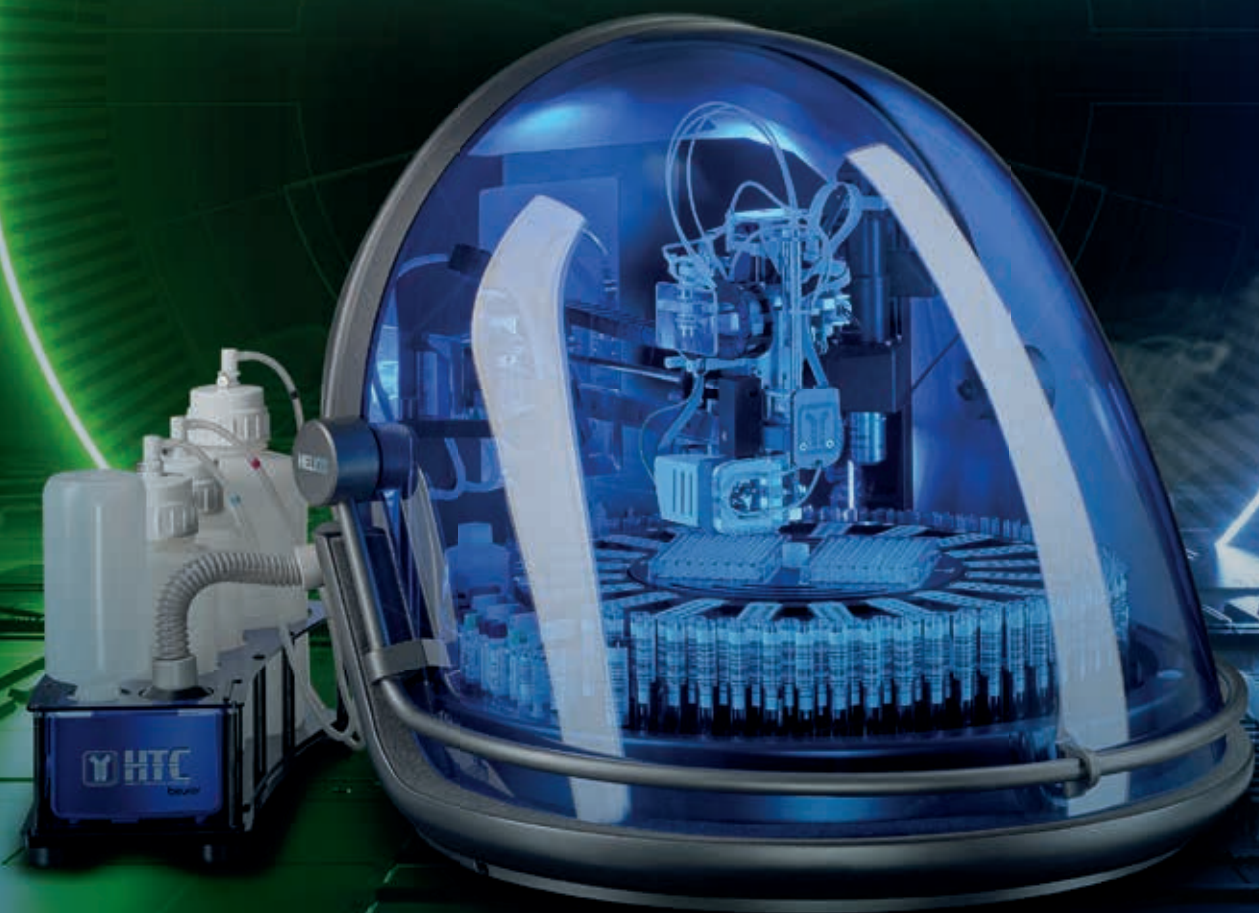


HELIOS®

OUT OF THE DARK INTO THE LIGHT

SETTING THE GOLD STANDARD IN
IFA DIAGNOSTICS



AESKU.GROUP
WE TAKE CARE OF YOUR HEALTH

STANDARDIZE PROCESSING AND READING

The **HELIOS®** Automated IFA System is the first instrument to completely automate IFA (immunofluorescence) testing from pipetting through image management. Its revolutionary design offers unparalleled process control, traceability, standardization, ease of use, and maximum efficiency – requiring no intervention between setup and result review.

All-in-one concept

Sample in/image out walkaway procedure
One workflow for traceability and data management
One training
One maintenance
One small footprint

Easy-to-use software

A wide range of Autoimmune and Infectious Serology tests

- Up to 190 samples, up to 20 slides, and up to 4 different assays per run.
- Sample dilutions are prepared by instrument, no pre-dilution required.
- Well-by-well liquid management ensures consistent incubation times and avoids cross-contamination compared to washing by flooding.
- Automated mounting medium addition with our proprietary **AESKUSLIDES®** mounting medium.
- No cover-slips or slide transfer necessary, reading starts automatically.
- Large pattern library on-board, including additional ICAP library.
- Pattern suggestion & endpoint titer estimation – user confirms result and selects follow-up tests.
- Laboratory-specific negative cut-off for cell-based assays, and show all negatives function for quick classification.
- Sample overview function displays all substrate results together in a single screen.

Multiple Objectives
available: 4x, 10x, 20x

Humidity and
Temperature Control

2x faster image acquisition
than previous version

Contrast View and
Brightness Index features
in Result Confirmation tool

4k Display

HELIOS® Automated IFA System

REF.IOS-1000

Humidity Temperature Control Kit

REF.HTC-1001

A STEP AHEAD IN STANDARDIZATION

Autoimmune disease study groups around the world, such as the GEAI (Groupe d'Etude de l'Auto-Immunité), EASI (European autoimmunity standardization initiative), and ICAP (International Consensus on ANA Patterns) have improved standardization in interpretation and laboratories have, in turn, adopted more IFA automation to improve standardization in IFA processing.

However, a known source of variability is re-emerging as IFA testing leaves the safe humidity chambers required in manufacturers IFU's, and is instead run on lab instrumentation that doesn't protect against microenvironmental fluctuations caused by air conditioning and other facility climate controls.

NO MATTER **WHERE**

NO MATTER **WHEN**

Get consistent,
quality results

By controlling in-unit reaction conditions with the Humidity and Temperature Control (HTC) kit for the **HELIOS®** Automated IFA System, AESKU offers not only an all-in-one IFA processor and reader but also the only system currently on the market that ensures IFA processing is at the standard set by FDA, WHO, and ISO guidelines for humidity and temperature of laboratory working environments.



AESQC.COM

QUALITY CONTROLS ONLINE SERVICE

With AESQC.com, control what you see and see what you control.

This online Quality Control resource provides lot-specific information, including pattern images, for AESQC IFA quality controls to help you maintain Immunofluorescence Assay quality in your laboratory.

The solution is designed to help laboratories standardize IFA testing and ensure patients receive the most accurate results possible.

Standardize your results with our wide range of AESQC IFA controls and see lot-specific images on **aesqc.com**.

STANDARDIZE YOUR IFA SCREENING

AESKUSLIDES® Autoimmunity

ANA HEp-2
ANCA F
ANCA E
dsDNA
rLKS
mLKS
EMA

Infectious Serology

B. henselae
Borrelia
Chlamydia
EBV-VCA
H. pylori
HSV 1&2
M. pneumoniae
Measles
Mumps
VZV

Available range depends on regional/
country registrations, please verify
availability in your region with
sales@aesku.com.



Substrate range

AESKU develops and manufactures our instrumentation, software, and reagents in-house to give laboratories the best possible combination of equipment and substrates.



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