



**CYPRESS  
DIAGNOSTICS**

# English CATALOG



## How to read this catalog

For many products, we offer additional support. The type of support per product is indicated by the following symbols:



Useful tips and tricks and essential email updates



Product-specific training videos



Digital training page on our website for your team



Only available from trained distributors

The latest user instructions and product documentation are available 24/7 at [www.diagnostics.be](http://www.diagnostics.be).

## Cypress Diagnostics

Clinical laboratory specialist for 29 years with 75 million tests sold per year.



### 29 years of expertise

With 29 years of experience, Cypress Diagnostics is the company to turn to for quality chemistry analyzers and kits. Thanks to all these years of experience, we know the tricks of the trade.



### Scientific validity above all

If you choose the Cypress Diagnostics test platform, you have the guarantee of quality and accurate analyses. We design our solutions according to the strictest standards and regulations to meet your expectations.



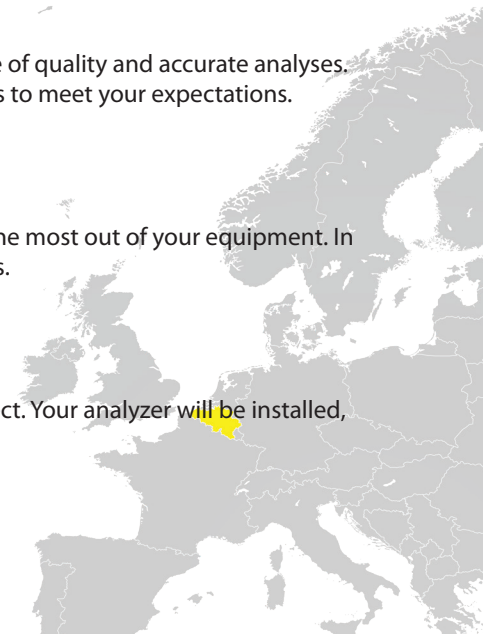
### Return on investment

After installing your analyzer, our experts will advise you and help you get the most out of your equipment. In the event of a problem, we help you immediately through our local partners.



### A supported implementation

Our certified distributors take care of the smallest details for each new project. Your analyzer will be installed, and your team trained.



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# Biochemistry



# CYANVision | CY014

## Semi-automatic biochemistry analyzer



The **CYANVision** is a semi-automatic biochemistry analyzer made to excel in clinical performance, user convenience, and robustness.

The innovative **CYANVision** sets the benchmark for the industry. The analyzer uses light-emitting diodes (LED) to achieve extraordinary measurement performance. With guidance and advice, the operating system helps you to deliver precise and accurate results.

### Unique: the worklist

Discover how to use the worklist and see how it improves your user experience when executing tests on the **CYANVision CY014**.

The worklist is a free software tool included in the **CYANVision**.

This feature is unique and saves time, increases profits, and streamlines your operations.

### LEDs as a light source

The **CYANVision** works with light-emitting diodes (LEDs), not with a conventional halogen lamp!

This design choice offers many advantages.

The **CYANVision** can perform 100 000 tests without the costs for lamp replacement.

### User training

Learn how to use your **CYANVision** analyzer confidently and efficiently on our training page.

We start with warranty registration and cover all the essential steps from first use, calibration, testing patient samples... and much more.

### Software

Software is at the heart of our value proposition. Unique, intuitive, clear and informative, it is a real element of differentiation from the competition.

The functionality of the **CYANVision** software must be compared with that of a good automated biochemistry analyzer.





See more

Looking for a more comprehensive experience of the [CYANVision](#)? Our website features a range of informative videos and offers valuable insights. Subscribe to our [CYANVision](#) newsletter and receive the technical specifications and your user training.

Go to [cyanvision.diagnostics.be/mychoice](http://cyanvision.diagnostics.be/mychoice)

Scan this QR code for a digital experience with videos. Subscribe to [CYANVision](#) for technical specifications, user training and more.

## To remember

### Distinctive features

- Test counter
- LIS connectivity
- Reference detector
- External HDMI display
- Light emitting diodes (LEDs)
- Multiple reference ranges
- Patient report
- Scanning of control values and calibration
- Memory for 10 000 results

### Touchscreen details

- 10 inch touchscreen
- 1920 x 1080 resolution
- Toughened glass capacitive touch panel
- Embedded speaker
- Comes with a 75° tilt angle stand

### Methods

- 31 from Cypress Diagnostics
- 100 free choice

### Hydraulic system

- Ultra-short
- 1 peristaltic pump
- Fully visible
- Minimum volume of 500 µL per test

### Optical system

- 100 000 tests without lamp replacement
- 8 LEDs on board
- Wavelengths: 340, 405, 450, 510, 546, 578, 620 & 670 nm

### Order code:

- CY014: [CYANVision](#)
- CY014-MIBTR: [CYANVision Maintenance kit](#)



# CYANElite 290 | CY015

## Automatic biochemistry analyzer



The **CYANElite 290** is perfect for labs looking to automate clinical diagnostics. Paired with Cypress Diagnostics biochemistry kits, the **CYANElite 290** delivers precise and reliable results.

Plus, to guarantee the durability and reliability of your purchase, the **CYANElite 290** is exclusively sold by certified distributors and comes with after-sales assistance.

Commit into the **CYANElite 290** to elevate your laboratory's throughput.

### Distinctive

The **CYANElite 290** stands out for its exceptional overall design. It's well-crafted, high-performing, and responsive.

The **CYANElite 290**, paired with Cypress Diagnostics reagents, delivers gross margins of 90% and higher. We achieve this with the durability of the analyzer and operational savings.

We deliver a reliable solution that lets you shift your focus from running a lab to building an enterprise.

Shift your focus from running a lab to building an enterprise!

The smoother your lab runs, the more you can focus on activities that enable your institution to collect more samples. The number of billable tests you run is the most important factor in your profitability.

Selecting a reliable partner is the groundwork for this.

With the **CYANElite 290**, you have a durable solution with after-sales service, training, and continuous reagent availability.

We are also glad to share tips for your successful business development.

Just subscribe to our newsletters!







See more

### User training

Learn how to use your **CYANElite 290** analyzer confidently and efficiently on our training page.

We start with warranty registration and cover all the essential steps from first use, calibration, testing patient samples... and much more.

Go to [cyanelite290.diagnostics.be/mychoice](https://cyanelite290.diagnostics.be/mychoice)

## To remember

### Cost-effective

- Built for a lifecycle exceeding 100 000 tests
- Consumes only 4 mL of distilled water per test
- For labs running 29 to 290 biochemistry tests per day

### Reliable

- Only available through trained distributors
- Fully segregated hydraulics and electronics

### Capacity

- Top speed of 145 tests per hour.
- 19 reagent positions + 10 sample positions\*
- Or 9 reagent positions + 20 sample positions\*
- Reagent containers in 3 formats (35, 15, and 2 mL)
- Samples in 5 mL tubes or cups of 1 mL
- 96 cuvettes in 4 segments
- 330 µL reaction volume

### User-friendly

- Clear and detailed reports for samples and patients
- Insignificant cross-contamination
- Direct and continuous user access to the reagents and the samples

### Working

- Up to 60 minutes of uninterrupted autonomous testing
- 29 preprogrammed Cypress Diagnostics methods
- 3 open channels
- Start-up time of 20 minutes
- Emergency testing (STAT)
- Display of remaining test time

### Order code:

- CY015: **CYANElite 290**
- CY015-WS: **CYANElite 290 Washing solution**

\* All reagents and samples are refrigerated

### For connoisseurs

The **CYANElite 290** sets the bar high when it comes to accreditation, reporting, and analytical performance. True experts in clinical diagnostics recommend the **CYANElite 290** capabilities for top-notch results.

Elevate your status as a genuine authority in clinical diagnostics!

The **CYANElite 290** ensures that all reported results, calibrations, samples, and quality controls are documented and linked in accordance with the latest traceability standards. We also validate our reagents for the **CYANElite 290** and keep the updated application sheets online. That helps with your accreditation.

The **CYANElite 290** generates clear reports for patients and samples. The reports contain contextual information, such as the coefficient of variation, averages, and reference ranges, to facilitate the interpretation.

Combining the **CYANElite 290** with the Cypress Diagnostics reagents gives clear, correct, and consistent results. We have extensively researched and tested our precision, accuracy, limits of detection, measuring range, linearity, and interferences to ensure your analytical performance with optimal results. Our satisfied customers attest to our commitment to delivering on our promises. You can rely on us to provide precise and dependable outcomes.





2 x 125 mL packaging



8 x 30 mL packaging



240 + 60 mL packaging



6 x 30 + 3 x 15 mL packaging

## Biochemistry reagents



### Albumin

HB0010: 2 x 125 mL | HB0010M: 8 x 30 mL

### Alkaline Phosphatase

HBE12: 60 + 15 mL

### Bilirubin Direct

HB0260: 2 x 125 mL

### Bilirubin Total

HB0270: 2 x 125 mL

### Bilirubin Total & Direct

HB0020: 2 x 125 mL

### Calcium

HB0030: 2 x 125 mL | HB0030M: 8 x 30 mL

### Chloride

HB005: 2 x 125 mL

### Cholesterol

HBL010: 2 x 125 mL | HBL010M: 8 x 30 mL

### Creatine Kinase MB

HBEL05: 60 + 15 mL

### Creatine Kinase NAC

HBEL03: 60 + 15 mL

### Creatinine

HB0080: 2 x 125 mL | HB0080M: 8 x 30 mL

### Glucose

HBL04: 2 x 125 mL | HBL04M: 8 x 30 mL

### GOT (AST)

HBEL010: 240 + 60 mL | HBEL010M: 6 x 30 + 3 x 15 mL

### GPT (ALT)

HBEL020: 240 + 60 mL | HBEL020M: 6 x 30 + 3 x 15 mL

### HbA1c Turbi

HT001: 3 + 10 mL

### HDL Cholesterol

HBL011: 120 + 40 mL

### Hemoglobin

HB011: 4 x 5 mL

### Iron

HB012: 4 x 50 mL

### Lactate Dehydrogenase

HBEL04: 240 + 60 mL | HBEL041: 60 + 15 mL

### LDL Cholesterol

HBL012: 120 + 40 mL

### Lipase

HBE09: 1 x 40 mL

### Magnesium

HB0320: 2 x 125 mL | HB0320M: 8 x 30 mL

### Phosphorus

HB014: 2 x 125 mL

### Potassium Prec

HB015: 3 x 50 mL

### Sodium Enzy

HB0340: 40 + 20 mL

### Sodium Prec

HB016: 2 x 60 mL

### Total Protein

HB0190: 2 x 125 mL | HB0190M: 8 x 30 mL

### Triglycerides

HBL060: 2 x 125 mL | HBL060M: 8 x 30 mL

### Urea

HBL030: 240 + 60 mL | HBL030M: 6 x 30 + 3 x 15 mL

### Uric Acid

HBL020: 2 x 125 mL | HBL020M: 8 x 30 mL

### Urine Total Protein

HB020: 2 x 125 mL

### α-Amylase

HBE03: 20 x 2 mL

### γ-GT

HBEL06: 240 + 60 mL | HBEL061: 60 + 15 mL



# Quality Control

## Good laboratory practices

Using calibrators and running quality controls is fundamental for producing valid clinical test results. Regularly running quality controls is a legal obligation and a recommended practice.

### For your quality control objectives, we produce the following products:

- The Control Sera HBC01 and HBC02 include most of our biochemistry analytes.
- HBC01-S and HBC02-S are specific for Potassium, Sodium, Urea and Acid Phosphatase.
- CK (NAC & MB), HbA1c, and HDL/LDL Cholesterol have their own controls.

It starts with the correct calibration of your analyzer. During the calibration, you define the conversion factor. This factor enables the analyzer to convert light absorbance into analyte concentrations correctly. On automated analyzers, you must use serum-based calibrators. Only on semi-automated biochemistry analyzers, you can also use water-based standards. (Included in multiple Cypress Diagnostic kits).

### To calibrate your analyzer correctly, we produce the following calibrators:

- The Calibrator HBC03 includes most of our biochemistry analytes.
- The calibrator values for Potassium, Sodium, Urea and Acid Phosphatase are only available in HBC03-S.
- CK (NAC & MB), HbA1c, and HDL/LDL Cholesterol have dedicated calibrators.

**Note:** Controls and calibrators are made of biological ingredients and are subject to natural decay. This makes a shelf life of 3 to 12 months typical for these items. We provide you with the longest possible expiry dates in order to ensure that the values tables remain representative.

# Calibrators and Controls

**HbA1c Control (2 levels)**  
HT001C: 4 x 0,5 mL

**HDL/LDL Control**  
HBC10: 3 x 3 mL

**Biochemistry Normal Control**  
HBC01: 4 x 5 mL | HBC01-S: 4 x 5 mL

**Biochemistry Pathological Control**  
HBC02: 4 x 5 mL | HBC02-S: 4 x 5 mL

**CK (NAC & MB) Control**  
HBC08: 4 x 2 mL

**HbA1c Calibrator (4 levels)**  
HT001S: 4 x 0,5 mL

**HDL/LDL Calibrator**  
HBC11: 1 mL

**Hemoglobin Calibrator**  
HBS02: 1 mL

**Biochemistry Calibrator**  
HBC03: 4 x 3 mL | HBC03-S: 4 x 3 mL

**Biochemistry Quality Set**  
HBC123: 3 + 5 + 5 mL

**For your convenience, we have a 3-in-1 Quality Set.**  
The Quality Set (HBC123) includes one vial of HBC01, one vial of HBC02, and one vial of the HBC03 calibrator. This complete kit provides all necessary items for daily use.





# Hematology

CE



# CYANHemato 380 | CY017

For a comprehensive clinical hematological assessment



The **CYANHemato 380** provides a comprehensive clinical assessment of hematological samples, including quantification and, where relevant, graphical displays of thrombocytes, platelets, hematocrit, erythrocytes, lymphocytes, granulocytes, and monocytes.

The **CYANHemato 380** is perfect for health screenings, as flagged results help uncover underlying health concerns. Additionally, the **CYANHemato 380** runs up to 80 tests per hour, which is helpful in primary care settings where timely diagnoses and patient management are essential. This fast processing enables you to work on fresher samples, and therefore reports more accurate results.

The **CYANHemato 380** is recommended for healthcare providers looking to improve patient care while keeping costs down.

Using the **CYANHemato 380** is straightforward, and our online training helps you, too. With its user-friendly design, the **CYANHemato 380** is easy to maintain and allows for most tasks to be completed by the user.

## User training

Learn how to use your **CYANHemato 380** analyzer confidently and efficiently on our training page.

We start with warranty registration and cover all the essential steps from first use, calibration, testing patient samples... and much more.

## Distinctive

The **CYANHemato 380** stands out for its exceptional overall design. It's well-crafted, high-performing, and responsive.

The **CYANHemato 380**, paired with Cypress Diagnostics reagents, delivers gross margins of 90% and higher. We achieve this with the durability of the analyzer and operational savings.

We deliver a reliable solution that lets you shift your focus from running a lab to building an enterprise.

Shift your focus from running a lab to building an enterprise!

The smoother your lab runs, the more you can focus on activities that enable your institution to collect more samples. The number of billable tests you run is the most important factor in your profitability.

Selecting a reliable partner is the groundwork for this.

With the [CYANHemato 380](#), you have a durable solution with after-sales service, training, and continuous reagent availability.

We are also glad to share tips for your successful business development.

Just subscribe to our newsletters!

### To remember

#### Cost-effective

- Built for a lifecycle exceeding 100 000 tests
- Up to 600 tests per diluent
- Only 3 Reagents

#### User-friendly

- Clear and detailed reports for samples and patients
- Insignificant cross-contamination
- Barcode scanning of patient samples

#### Capacity

- Top speed of 80 tests per hour

#### Reliable

- Only available through trained distributors
- Builds on a long hematology experience

#### Working

- Start-up time of 5 minutes
- Accurate results
- RBC and WBC-specific apertures
- Improved well-designed user-interface

#### Order code:

- CY017: [CYANHemato 380](#)
- CY006/17-MIBTR: [CYANHemato 380 Maintenance kit](#)



[See more](#)

Looking for a more comprehensive experience of the [CYANHemato 380](#)? Our website features a range of informative videos and offers valuable insights. Subscribe to our [CYANHemato 380](#) newsletter and receive the technical specifications and your user training.

Go to [cyanhemato380.diagnostics.be/mychoice](https://cyanhemato380.diagnostics.be/mychoice)

Scan this QR code for a digital experience with videos. Subscribe to [CYANHemato 380](#) for technical specifications, user training and more.

## Reagents, cleaners and controls



#### Diluent

CY006-R01: 20 L

#### Lyse

CY017-R02: 1 L

#### Cleaner

CY006-R03: 1 L

#### Hypoclean

CY006-R04: 1 L

#### Hypoclean CC

CY006-R06: 100 mL

#### Control vial normal

CY006-C01A: 1 x 2,5 mL

#### Control vial low/normal/high

CY006-C02A: 3 x 2,5 mL

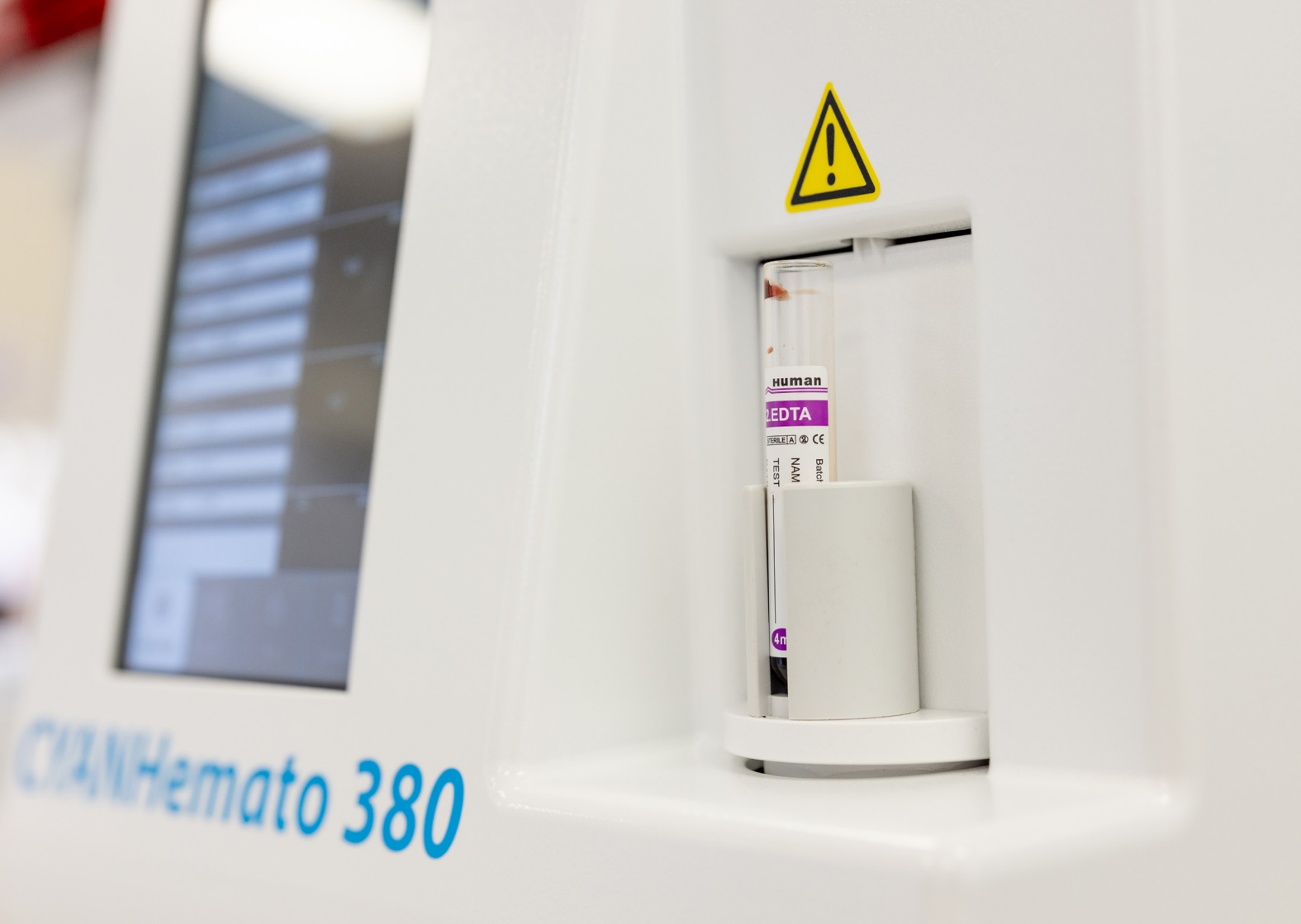
All reagents have an open bottle stability of 120 days after opening.

These are the only reagents that are calibrated for the [CYANHemato 380](#).

The hematology control values can be uploaded into the [CYANHemato 380](#) by USB. You can download these (INI) files from our website.







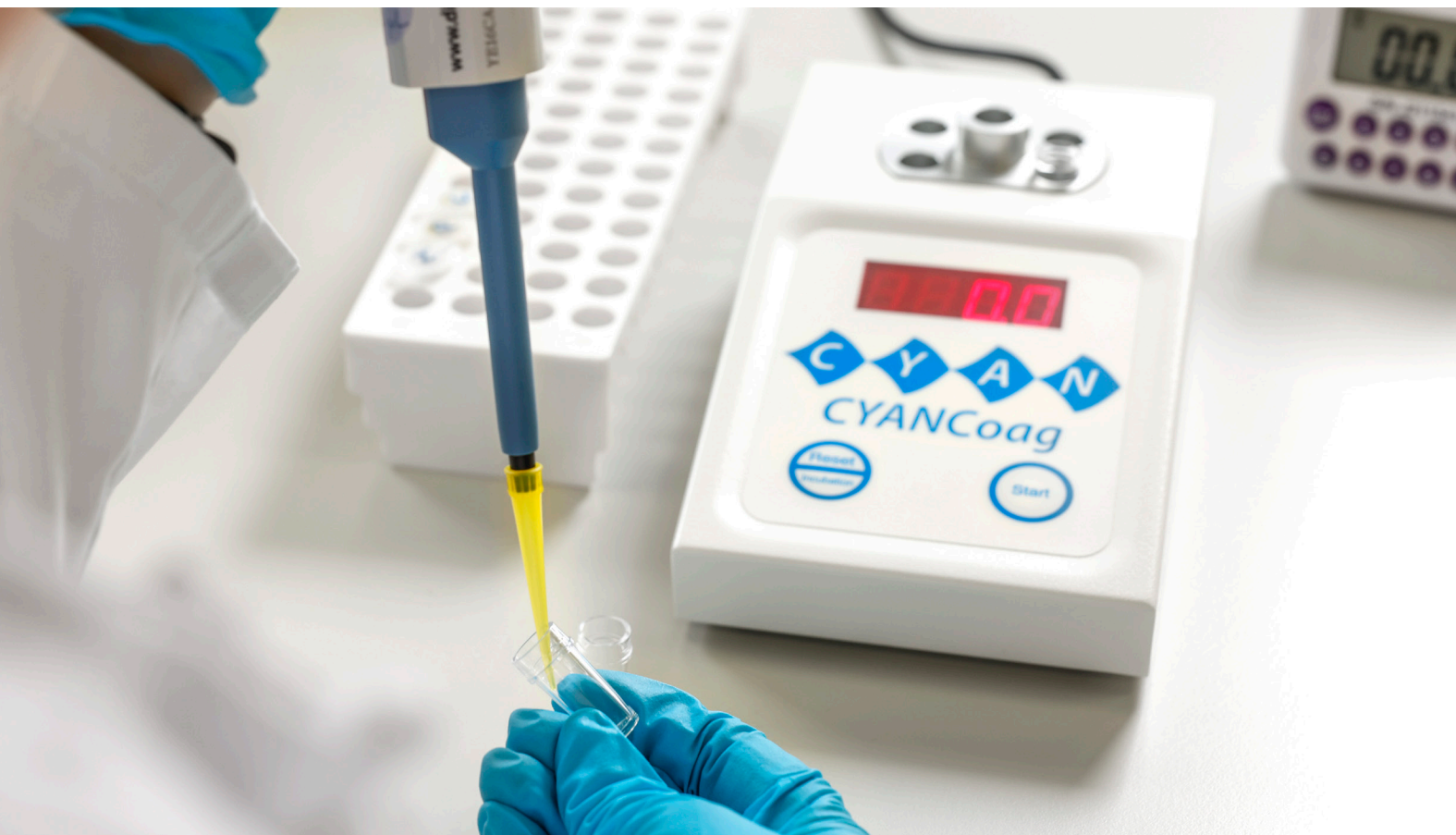
# Coagulation

CE



# CYANCoag 1Ch | CY003

Semi-automatic coagulation analyzer



The **CYANCoag 1Ch** is a compact and accurate coagulation analyzer. The mechanical detection system will track the developing coagulum through changes in viscosity. The measurement is therefore totally independent of the sample's turbidity. The measurements are started by a countdown timer, avoiding the extra expenses of a start pipette.

## Technical specifications

### Advantages:

- Mechanical detection
- Micro-method: up to 100% more tests per kit
- Countdown start
- Calibration free
- Works on whole blood and plasma
- Error control

### Measurement:

- Measuring volume: 150 - 400  $\mu$ L
- Measures: PT, PTT / APTT, TT, FIB
- Measuring channel: 1
- Speed: Up to 60 tests/hour
- Incubation positions: 5
- Value output: INR, ratio or seconds
- Incubation time: 1

### Power:

- Power consumption: 16 VA
- Operating voltage: 110/220 V, 50 - 60 HZ

### Shipment includes:

- Power adaptor
- Ball dispenser
- Cuvettes and balls for 500 tests
- Dust cover
- User manual

### Weight and dimensions:

- Weight: 1,1 kg
- Dimensions: 11,3 x 6,8 x 20,7 cm (L x W x H)

### Order code:

- CY003: **CYANCoag 1Ch**
- CY003-C01: **Cuvettes and balls for 500 tests**

**Note:** this is an open system

## Reagents, controls and calibrators

**APTT (Act. Thromboplastin Time)**  
HC00100: 5 x 4 mL



**PT (Prothrombin Time)**  
HC00200: 4 x 5 mL



**Fibrinogen**  
HC00300: 8 x 2 mL



**Coagulation Control**  
HC00500: 4 x (1+1) mL

**Calibrator Fibr/PT**  
HC00600: 4 x 1 mL



## Bacterial Antigens



**Brucella Abortus**  
5091: 5 mL

**Brucella Melitensis**  
5092: 5 mL

**Proteus OX19**  
5111: 5 mL

**Proteus OX2**  
5101: 5 mL

**Proteus OXK**  
5121: 5 mL

**Salmonella Paratyphi AH**  
5011: 5 mL

**Salmonella Paratyphi AO**  
5021: 5 mL

**Salmonella Paratyphi BH**  
5031: 5 mL

**Salmonella Paratyphi BO**  
5041: 5 mL

**Salmonella Paratyphi CH**  
5051: 5 mL

**Salmonella Paratyphi CO**  
5061: 5 mL

**Salmonella Typhi H**  
5071: 5 mL

**Salmonella Typhi O**  
5081: 5 mL

**Bacterial Antigen polyvalent control +**  
5901: 1 mL

**Bacterial Antigen polyvalent control -**  
5902: 2,5 mL

**Bacterial Antigens:**  
H, O, AH, AO, BH, BO, CH, CO + Ctrls pos/neg  
BA-Spec: 8 x 5 mL + Ctrls





# Agglutination (Latex) Kits

CE



## Agglutination reagents

ASO  
22122: 100 t



CRP  
221020: 100 t



RF  
22112: 100 t



Rose Bengal  
22202: 50 t

RPR carbon  
22152: 150 t  
22152-500: 500 t



TPHA  
221920: 200 t

Waler Rose  
22162: 50 t





# Drugs of Abuse

## DOA-2CT

DOA-2 parameters CT: 25 t  
COC, THC

## DOA-10

DOA-10 parameters: 10 t  
MOR, AMP, THC, COC, MAMP, BZO, PCP, BAR, MTD, MDMA

CE



# Blood Grouping



With CE

**Anti-A**  
01.001-10.X: 10 x 10 mL

**Anti-AB**  
01.005-10.X: 10 x 10 mL

**Anti-B**  
01.003-10.X: 10 x 10 mL

**Anti-D**  
01.011-10.X: 10 x 10 mL

Without CE

**Anti-A**  
401: 10 x 10 mL

**Anti-AB**  
403: 10 x 10 mL

**Anti-B**  
402: 10 x 10 mL

**Anti-D**  
404: 10 x 10 mL

**Anti-D Blend (IgM+IgG)**  
409: 10 x 10 mL

**AHG - Anti Human Globulin**  
405: 10 mL

**BSA - Bovine Albumine 22 %**  
436: 10 mL

**BSA - Bovine Albumine 30 %**  
406: 10 mL

**L.I.S.S**  
408: 10 mL

**Negative control/diluent**  
407: 10 mL

**Blood grouping Kit (Anti-A, B, AB, D)**  
401-4S: 4 x 10 mL

**Blood grouping Kit (Anti-A, B, AB, D Blend)**  
401-4S Blend: 4 x 10 mL

**Anti A1 Dolichos bifl. Lectin**  
420: 5 mL

**Anti C**  
412: 5 mL

**Anti c**  
413: 5 mL

**Anti C(w)**  
435: 5 mL

**Anti CDE**  
437: 10 mL

**Anti Cellano**  
424: 5 mL

**Anti D Incomplete**  
439: 10 mL

**Anti E**  
410: 5 mL

**Anti e**  
411: 5 mL

**Anti Fy(a)**  
414: 5 mL

**Anti Fy(b)**  
415: 5 mL

**Anti H (A2)**  
438: 5 mL

**Anti H (A2) Lectin**  
440: 5 mL

**Anti Kell**  
423: 5 mL

**Anti Le(a)**  
433: 5 mL

**Anti Le(b)**  
434: 5 mL

**Anti M**  
419: 5 mL

**Anti N**  
418: 5 mL

**Anti P1**  
441: 5 mL

**Anti s**  
422: 5 mL

**Anti Xg(a)**  
427: 2 mL



# Stains

## Gram PVP

### Gram PVP

HS001: 4 x 250 mL

### Safranin

HS014: 1000 mL

### Carbol Gentian Violet

HS021: 1000 mL

### Lugol Stabilized with PVP

HS022: 1000 mL

## Giemsa May-Grünwald

### Giemsa

HS003: 500 mL

### May-Grünwald

HS004: 500 mL



## Ziehl-Neelsen

### Ziehl - Neelsen

HS002: 3 x 250 mL

### Kühne's Methylene Blue

HS016: 1000 mL

### Carbol Fuchsin

HS015: 1000 mL

## Papanicolaou Stains

### Harris' Hematoxylin

HS006: 500 mL

### Orange G-6 solution

HS007: 500 mL

### Polychromique solution EA-50

HS009: 500 mL

# CE

# Rapid Tests

# CE

## Wright

### Wright

HS023: 500 mL

## Türk

### Türk

HS011: 500 mL

## Quick Panoptic

### Quick Panoptique Conc. (1:10)

HS005: 3 x 100 mL

## Auxiliary products

### Immersion oil\*

HS012: 100 mL

\*Without CE





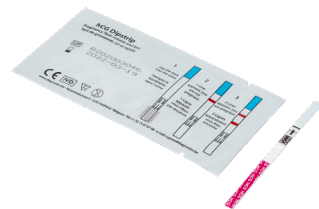
## Fertility

### hCG Dipstrip

132-100/50: 50 t  
132-100/100: 100 t

### hCG Card

132-200/20: 20 t  
132-200/50: 50 t  
132-200/100: 100 t



\*Sans CE

## Infectious Diseases

### Anti-HCV Card\*

172-025: 25 t

### Anti-HCV Dipstick\*

172-050/S: 2 x 25 t

### Chlamydia Ag\*

322: 20 t

### H. Pylori Ab

333: 20 t

### HBsAg Dipstick\*

142-050/S: 2 x 25 t

### HBsAg Card\*

142-025: 25 t

### Strep A

337: 20 t

### Syphilis Ab Rapid C

353: 25 t

## Cardiac and Tumor Markers

### FOB Faecal Occult Blood

347-020: 20 t

### PSA\*

343: 25 t

### Cardiac Troponin I (cTnI)

346: 25 t



# Urine Strips

CE





# CYANStrip Mini | CY011

## Urine Strip Reader

The **CYANStrip Mini** is a portable urine strip reader with a large color touch screen and comprehensive data management software. It provides accurate readings and quick printouts of the results.

The **CYANStrip Mini** is one of the few instruments on the market that is able to measure different types of urine strips including microalbumin!

## Technical Specifications

### General

- Measuring method: reflectance photometer
- Wavelength: 470, 530, 626 nm
- Performance in normal mode: 50 tests/h
- Performance in quick mode: 120 tests/h
- Memory for up to 2000 samples
- Reads all Cypress Diagnostics urine strips including microalbuminuria
- Large color touch screen (480 x 272 pixels)

### Software features:

- 16-digit patient identification
- Data management, graphics and patient follow-up
- Automatic aggregation and reporting of patient results
- LIS connectivity

### Weight and dimensions:

- 0,46 kg
- 18,8 x 7,4 x 7,7 cm (L x W x H)

### Power:

- Battery: 8 batteries, type AAA 1,5 V
- 12 V DC, 3,33 A; 110/220 V - 50/60 Hz
- Power consumption: 15 W

### Printer:

- External thermal printer
- USB connection
- 32 characters per line

### Order code:

- CY011: **CYANStrip Mini**
- CY011-S02: **CYANStrip Mini - Printer**

**Note:** this is a closed system



## Urine Strips

### Urine 2AC

Microalbumin, Creatinine

### Urine 2GK

Glucose, Ketone

### Urine 2GP

Glucose, Proteine

### Urine 3

Glucose, Proteine, pH

### Urine 10

Blood, Glucose, Proteine, Ketone, pH, Bilirubin, Specific Gravity, Nitrite, Urobilinogen, Leukocytes

### General details:

- Proven performance and accuracy
- Strong colors
- No vitamin C interference
- 100 tests per pack
- Storage temperature: 2 - 30 °C
- CE labelled



Microalbuminuria Urine Strips

Microalbuminuria is one of the first signs of diabetic kidney disease. Our Urine-2AC strips helps to detect diabetic kidney disease at an early stage, years before significant damage becomes apparent.

Consistently detectable microalbuminuria is also linked to an increased risk of developing progressive kidney failure and cardiovascular disease in the future. Annual screening of microalbuminuria is advised after a diagnosis of diabetes or hypertension.

Urine-2AC strips deliver on-the-spot results of microalbumin to creatinine ratio (CAR). A 24-hour sample collection is therefore no longer required. Urine-2AC strips are readable on the [CYANStrip Mini!](#)

- It enables to:**
- Monitor the situation before proteinuria (high-level kidney disease) develops
  - Measure a clinically meaningful result giving the microalbumin-to-creatinine ratio in a random urine sample
  - Save time and avoid the hassle of a 24-hour urine collection

- Advantages:**
- No 24-hour urine collection required
  - More sensitive and more specific results than with strips designed for general protein testing

- Packing:**
- 50 tests per pack

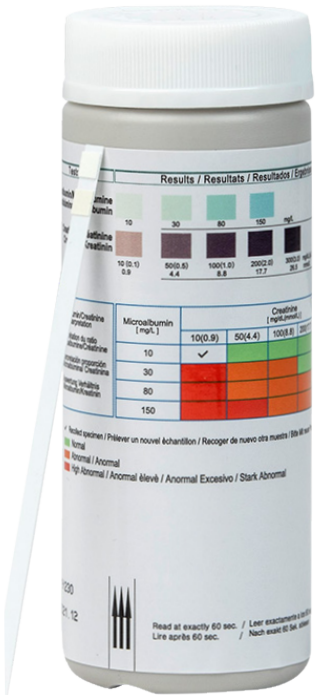
- Order code:**
- [Urine-2AC](#)



**Microalbumin to Creatinine Ratio**  
The following table is used to obtain the microalbumin to creatinine ratio.

		Creatinine g/L (mmol/L)				
		0,1 (0,9)	0,5 (4,4)	1,0 (8,8)	2,0 (17,7)	3,0 (26,5)
Microalbumine mg/dL (mg/L)	1 (10)	*			Normal	
	3 (30)					
	8 (80)	High Abanormal		Abnormal		
	15 (150)					

\* retest



# Equipment



## Blood Cell Counter with 6 Windows | CL003

## Blood Cell Counter with 9 Windows | CL004

### CL003 Blood Cell Counter with 6 Windows:

- Number of keys: 5
- Dimension: 25 x 8 x 5 cm (L x W x H)
- Weight: 0,6 kg

### CL004 Blood Cell Counter with 9 Windows:

- Number of keys: 8
- Dimension: 32 x 8 x 5 cm (L x W x H)
- Weight: 0,8 kg

## Technical Specifications

### General

- Numeric range per window: 0 - 999
- With totalizer window
- Audible signal when the totalizer window reaches 100<sup>th</sup>

### Order code:

- CL003: [Compteur de cellules à 6 fenêtres](#)
- CL004: [Compteur de cellules à 9 fenêtres](#)





## Incubator | CL011

### Technical Specifications

#### General

- Working range: ambient + 5 °C up to 70 °C
- Capacity: 30 L
- Natural convection
- Precision of temperature control: +/- 0,3 °C à 37 °C  
+/- 0,4 °C à 70 °C
- PID temperature control
- Chamber dimensions: 32,5 x 31 x 31,5 cm (L x W x H)
- Overall dimensions: 42,5 x 42 x 61 cm (L x W x H)
- Weight: 23 kg
- Power: 300 W
- Power supply: 110 V – 60 Hz (CL011-110) ou  
220 V – 50/60 Hz (CL011-220)
- Double doors (samples visible through an acrylic door)
- Double wall
- Fiberglass insulation
- Stainless steel interior
- Visual alarm
- Overheating protection

#### Accessories included:

- 2 vertically adjustable shelves

#### Advantages:

- Low electricity consumption
- Very stable temperature
- Excellent thermal isolation
- Easy to clean
- Easy to program
- Visual alarm indicator
- Adjustable shelf height

#### Order code :

- CL011-110: [Incubator \(110 V – 60 Hz\)](#)
- CL011-220: [Incubator \(220 V – 50/60 Hz\)](#)



## Mini Vortex | CL016

Suitable for mixing the contents of specimen tubes in the laboratory.

The instrument operates automatically upon pressing on the head of the vortex (press start function).

#### Advantages:

- Automatic press start function
- Variable speed control
- Compact, robust, and durable
- Fast
- Quiet
- Vibration free
- High-quality motor for perfect performance

#### Order code:

- CL016: [Mini Vortex](#)

### Technical Specifications

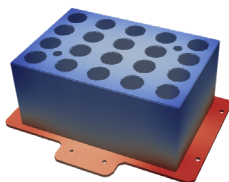
#### General

- Silicon cup head
- Orbit of 4,5 mm
- Max. speed: 3200 rpm
- Max. volume: 50 mL
- Max. weight: 60g
- Head cup dimensions: 3,9 cm (Ø)
- Overall dimensions: 5,5 x 11,3 x 8,1 cm (L x W x H)
- Gross weight: 0,9 kg
- Power supply: 110 - 220 V - 50/60 Hz



## Dry Incubator | CL017

We build the **CL017 Dry Incubator** to address the specific needs for biochemistry testing in clinical laboratories. We supply quality, convenience, and clarity.



### Did you know that we used supercomputers to design a dry incubator with incredibly homogeneous temperature?

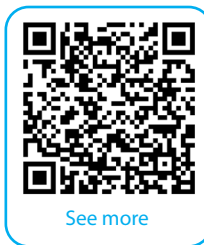
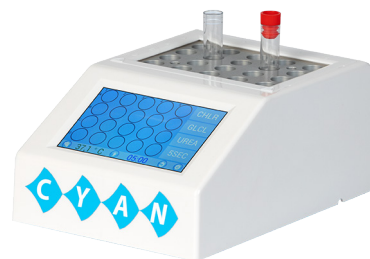
The homogeneous temperature across the heating block results in more accurate measurements and improved CVs. Notice the difference! This precision engineering, with dual heating technology, lowers your energy consumption too.

#### Interactive

The color touch screen displays the individual timers for all 20 test tubes. You can program up to 10 specific timer cycles. Each program has a unique name, up to three timer combinations (count-down or count-up), optional buzzers, and the option to continue to the next timer cycle automatically or not. You can select the programs per row or for the entire block.

#### Benefits

With an individual timer for every tube, you will always know how long the incubation was. You have more convenience to multitask, you work more accurately, and you have fewer hiccups. That is convenient. You will save a lot of money by avoiding chronometers purchases too.



[See more](#)

## Technical Specifications

The **CL017 Dry incubator** helps you to multitask and work more accurately.

#### Program

- Selection per row or entire block
- Up to 3 timers per program
- Up to 10 programs

#### Environmental conditions

- Operational temperature: 18 °C - 28 °C
- Operational relative humidity: 30% - 70% (noncondensing)

#### Power supply

- External power supply unit (auto-ranging 100 - 240 V AC, 50/60 Hz)
- Power input: 24 VDC, 90 W max

#### Timer

- Up to 99 minutes 59 s
- Count-down & Count-up
- Buzzer alarm: Max. sound level at 73 dB

#### Heating block

- Interchangeable block
- Capacity: 20 tubes

#### Temperature specifications

- Range: up to 60 °C
- Accuracy: +/- 0,2 °C à 37 °C
- Uniformity: +/- 0,3 °C à 37 °C

#### User interface

- Color display with touchscreen
- Languages: English and French

#### Weight and dimensions

- Weight device (without block): 0,7 kg
- Weight block type: 0,8 kg
- Overall dimensions: 20 x 14,5 x 9 cm (L x W x H)

#### Order code

CL017: **Dry Incubator**



## CYANLab Rotator | CL018

Our new and innovative **CYANLab Rotator** is a versatile unit for a vast range of shaking protocols.

The **CYANLab rotator** is suitable for mixing by rotating and agitating substances up to 200 g. The plate surface is large and has an anti-slip surface. The speed of the rotator is adjustable between 20 and 240 rotations per minute. It's easy and convenient to use.

### Technical Specifications

#### Device settings

- Range: 20 – 240 RPM
- Accuracy: +/-10 RPM (120 -240 RPM)
- Step size: 20 RPM
- Orbit: 2 cm

#### Environmental conditions

- Temperature: 18 °C - 30 °C
- Relative humidity (noncondensing): 30 - 70%
- Use: Indoor only
- Atmospheric pressure: 800 - 1060 hPa
- Operational altitude: Max. 2000 m

#### External Power

- Input voltage: 100 - 240 V AC
- Input frequency: 50/60 Hz

#### Power supply

- Voltage: 12 V DC
- Power (max): 24 W

#### Weight and dimensions

- Weight device: 1,5 kg
- Dimensions device: 26 x 21,5 x 12 cm (L x W x H)
- Dimensions plate: 25,5 x 16,6 cm (L x W)
- Maximum load: 0,2 kg

#### Order code:

- CL018: **Rotator**



## CYANLab Water Bath 10 L | CL020

The **CYANLab Water Bath 10 L** is suitable for handling a wide range of laboratory procedures including incubation, thawing and melting.

### Technical Specifications

#### Technical and operational specifications

- Temperature range: ambiente temperature + 5 – 100 °C
- Temperature stability: +/- 0,2 °C
- Temperature increment: 0,1 °C
- Capacity: 10 litres
- Heat dissipation: unstirred thermal diffusion
- Temperature control: PID
- Display: digital temperature setting and readout

#### Weight and dimensions

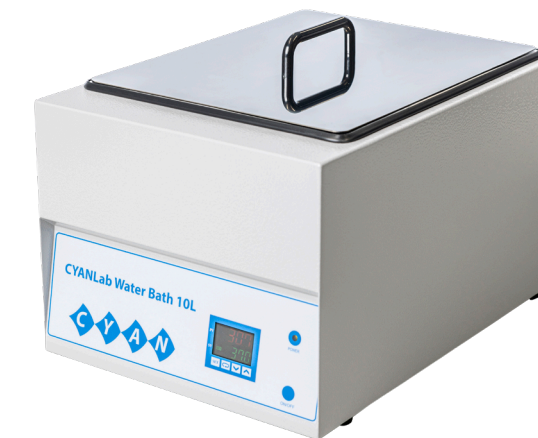
- Poids instrument: 6,72 kg
- Dimensions instrument: 29 x 40 x 24 cm (L x W x H)
- Dimensions basin: 24 x 30 x 15 cm (L x W x H)

#### Power supply

- Voltage: 110 V - 220 V AC, 50/60 Hz
- Power: 650 W

#### Order code:

- CL020-110-A: **CYANLab Water Bath 10 L**
- CL020-220-A: **CYANLab Water Bath 10 L**





## CYANLab Centrifuge 12x | CL022

The **CYANLab Centrifuge 12x** is a fixed angle centrifuge, driven by a brushless motor for centrifugation up to 12 tubes.

### Technical Specifications

#### Technical and operational specifications

- Speed range (RCF): 4 - 4325 g
- Speed range (RPM): 200 - 6100 RPM
- Speed increment: 100 RPM
- Timer range: 0 - 30 minutes
- Time increment: 1 second
- Deceleration: quick stop brake
- Rotor type: 45-degree angle rotor
- Max. Capacity max.: 12 tubes of 5 - 15 mL
- Display: Digital LED display of speed and time

#### For tubes of:

- 5 - 7 mL tubes
- 10 - 15 mL tubes

#### Weight and dimensions

- Weight instrument: 14,5 kg
- Dimensions instrument: 39 x 50,5 x 29 cm (L x W x H)

#### Power supply

- Voltage: 100 V - 240 V AC, 50/60 Hz
- Power: 200 W

#### Order code:

- CL022-A: **CYANLab Centrifuge 12x**



# Microscope



# CYANScope | CM001N

The **CYANScope** biological microscope brings superior optics to your laboratory.

It was designed and tested to be the right choice for your laboratory.

It will guide you efficiently through malaria identification and your other diagnoses.

## Advantages:

- Extra wide field eyepieces
- The light source is continuously adjustable with a LED lamp
- The main body is made of aluminum alloy, the structure is stable and easy to carry
- A safety lever prevents objectives colliding with the slides
- Comfortable observation with adjustable interpupillary distance



## Technical Specifications

### General

- Condenser: abbe condenser, NA = 1,25
- Eyepiece: extra wide field: 10 x 20 mm and 10 x 18 mm
- Illumination: S-LED 1 W
- Interpupillary distance: 48 - 75 mm
- Nose: quadruple nosepiece
- Viewing head: Siedentopf binocular head | 30° inclined
- Viewing height: 392 mm

### Focusing

- Coaxial coarse and fine adjustment
- Focusing range: 20 mm
- Fine division: 0,002 mm

### Objective

- Infinite semi-plan objectives 4x | 10x | 40x | 100x (oil)

### Stage

- Stage plate dimension: 140 x 140 mm
- Moving range: 75 x 50 mm

### Power supply

- 100 – 240 V, 50/60 Hz

### Dimensions

- 420 x 200 x 410 mm (L x W x H)
- Base: 270 x 200 mm (L x W), 8 kg

### Accessories included:

- 2 filters (blue and green)
- Power adapter
- Immersion oil
- Dust cover
- 4 objectives (4x, 10x, 40x, 100x)
- Black plastic hook
- 4 pieces of 10 x eyepiece

### Order code:

- CM001N: [CYANScope](#)

### Auxiliary products:

- CM001-S11A: [Oil dark field condenser](#)

# Liquid Handling

The **CYANPipettes** line was our first step into providing precision equipment for laboratories around the world. Handling liquids is the first step in many diagnoses, so it is clear that precision in pipetting is one of the key factors in achieving a higher level of quality.

That encouraged us to create a new range of pipettes priced to be in range for all labs, providing the precision and accuracy to satisfy the most stringent requirements.

### Technical background:

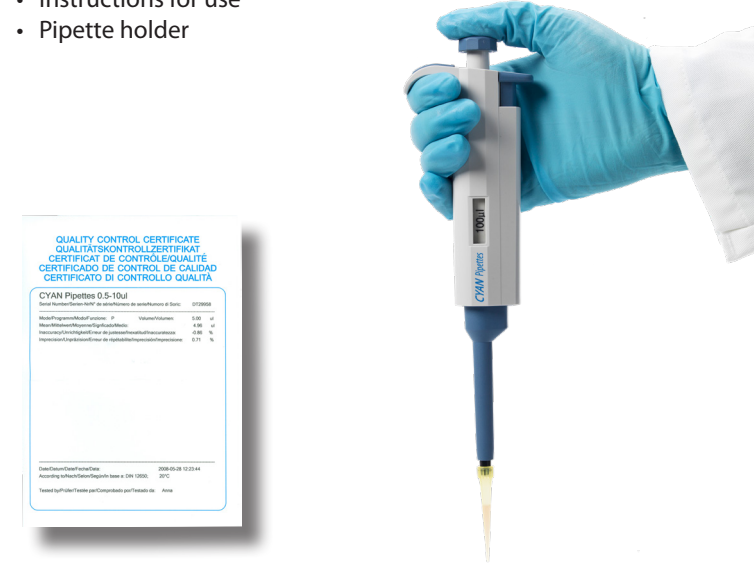
The **CYANPipettes** are piston-driven air displacement pipettes. Piston-driven air displacement pipettes are the most accurate and precise pipettes.

### Quality:

All **CYANPipettes** have been quality tested to ISO 8655/ DIN 12650. Quality control according to ISO 8655/DIN 12650 involves gravimetric testing of each pipette with distilled water (quality 3, DIN ISO 3696) at 22 °C using the manufacturer's original tips (**CYANTips**).

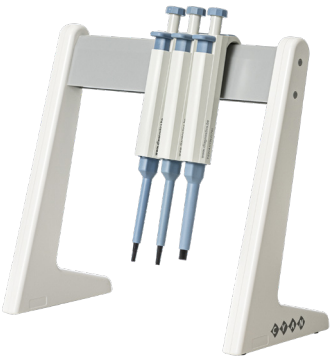
### Contents of the **CYANPipette** package:

- Pipette
- Performance certificate according to DIN E-12650-7
- Calibration/opening tool
- Grease
- Instructions for use
- Pipette holder



## CYANPipettes: single channel with fixed volume

5 µL PS0005	50 µL PS0050	500 µL PS0500
10 µL PS0010	100 µL PS0100	1000 µL PS1000
20 µL PS0020	200 µL PS0200	5000 µL PS5000



Extra: Pipette stand - PSX

## CYANPipettes: single channel with variable volume

0,1 - 2,5 µL Increments 0,05 µL: PS00001	20 - 200 µL Increments 1 µL: PS00200
0,5 - 10 µL Increments 0,1 µL: PS00005	50 - 200 µL Increments 1 µL: PS00500
5 - 50 µL Increments 0,5 µL: PS00050	100 - 1000 µL Increments 5 µL: PS01000
10 - 100 µL Increments 1 µL: PS00100	1 - 5 mL Increments 50 µL: PS10000

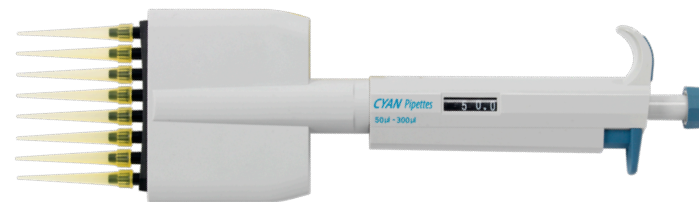




## CYANPipettes: 8 channel with variable volume

50 - 300  $\mu$ L

5  $\mu$ L (increments): PM00500



## CYANTips

Check compatibility details on our website.

0,5 - 10  $\mu$ L (crystal)

Bag of 1000 pcs: PT0001

100 - 1000  $\mu$ L (blue)

Bag of 1000 pcs: PT0100

1 - 200  $\mu$ L (yellow)

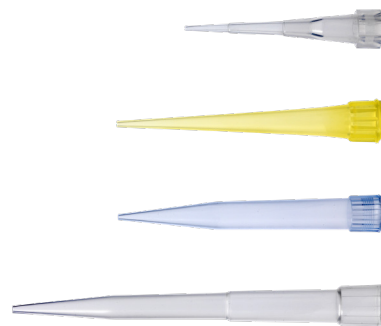
Bag of 1000 pcs: PT0010

1 - 5 mL

Bag of 300 pcs: PT1000

1 - 300  $\mu$ L (white)

Bag of 1000 pcs: PT0010A



# Notes

[illegible]



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Your Distributor

International Catalogue EN  
Revision date: 2025-01-07

**Disclaimer:** this information is indicative and subject to change without prior notice. Use the documentation included with the products.  
If indoubt, contact [cypress@diagnostics.be](mailto:cypress@diagnostics.be)