



**ACCESS 2**

IMMUNOASSAY SYSTEMS



Move healthcare forward.

## » A DESIGN TO FIT YOUR SPACE AND TIME



### Space-saving value

The Access 2 was designed to have the robustness of a reference lab immunoassay analyzer in the convenient size of a bench-top instrument, giving you greater control over quality, reliability and speed without sacrificing valuable floor space.

- › One of the smallest bench-top analyzers in its class
- › Runs up to 100 tests per hour
- › STAT and automatic reflex testing

### Quality and reliability

Your reputation depends on the quality of your services and Beckman Coulter takes that into account with every biomarker innovation we develop. Our goal is to make technology that ensures your success. The Access 2 was specifically designed to enable accurate testing results every time.

- › Sample probe obstruction detection
- › Magnetic particle separation
- › Chemiluminescent detection technology

» Move healthcare forward.

## You get more than an instrument. You get a diagnostic partner.

Beckman Coulter is committed to making sure your diagnostic testing is not only up to your high standards, but also able to integrate seamlessly into your current environment. The Access 2 comes complete with the training and support you need to get up and running as quickly as possible. Your Beckman Coulter partners are always willing to collaborate with you to make sure that your testing abilities are in line with both your current and future needs and demands.

- › Training provided (advanced operator training also available)
- › Online maintenance help
- › Dedicated customer service and support

## The testing you need, when you need it

Beckman Coulter offers an extensive immunoassay diagnostic testing menu featuring markers that fulfill your patient-care needs. Our available menu is a comprehensive offering that includes sTfR in our anemia panel and our reproductive assays SHBG and Testosterone. Our extensive automated assay choices for thyroid, oncology and many other diagnostic specialties are used in hospitals, clinics and physician office laboratories worldwide.

- › Over 50 available immunoassay diagnostic assays
- › Multiple assays available in the diagnostic specialties you need most
- › Continuous menu expansion with new and novel assays
- › Simple, user-friendly interface

## Easy-to-use, easy-to-store reagent kits

The Access 2 uses slim-line reagent packs that go from box to instrument with ease. The Access reagent kit boxes are easy to store, making the most of your lab's refrigerator space. And the easy-to-use reagent carousel and sample loading allows you to spend more time getting results rather than preparing for them.

- › On board refrigeration storage of up to 24 assays
- › Up to 56-day reagent open-pack stability
- › One-year reagent shelf life (typical)
- › Load up to 60 samples at one time

Your diagnostic needs can be met with a broad range of testing specialties represented by more than 50 available assays.

### Adrenal/pituitary

- › Cortisol (Serum/Plasma/Urine)

### Allergy

- › Total IgE

### Anemia

- › EPO
- › Ferritin
- › Folate
- › Folate (RBC)
- › Intrinsic Factor Ab
- › sTfR
- › Vitamin B12

### Bone metabolism

- › Access 25 (OH) Vitamin D Total
- › Intact PTH
- › Ostase
- › Ultrasensitive hGH

### Cardiac

- › AccuTnl+3 troponin I
- › CK-MB
- › Digoxin
- › Myoglobin
- › Triage BNP+

### Diabetes

- › Ultrasensitive Insulin

### Infectious disease

- › Rubella IgG
- › Toxo IgG
- › Toxo IgM II

### Reproductive

- › AFP
- › AMH (RUO)\*\*
- › Total  $\beta$ hCG (5<sup>th</sup> IS)
- › DHEA-S
- › Estradiol
- › hFSH
- › hLH
- › Inhibin A
- › Progesterone
- › Prolactin
- › SHBG
- › Testosterone
- › Unconjugated Estriol

### Thyroid

- › TSH (3<sup>rd</sup> IS)\*
- › T3 (Free and Total)
- › T4 (Free and Total)
- › Thyroglobulin
- › Thyroglobulin Ab II
- › Thyroid Uptake
- › TPO Ab

### Tumor markers

- › AFP
- › CEA
- › Hybritech PSA
- › Hybritech free PSA
- › Prostate Health Index (*phi*)†
- › BR Monitor (CA 15-3 Antigen)
- › GI Monitor (CA 19-9 Antigen)
- › OV Monitor (CA 125 Antigen)



# ACCESS 2 SPECIFICATIONS >>

## Technology

Dioxetane-based chemiluminescence (Lumi-Phos)  
Magnetic particle separation

## Detection systems

Chemiluminescent detector:  
Luminometer

## Throughput

100 tests/hr maximum

## Compartment temperatures

Incubator and wash/read wheel: 36°C  
Reagent compartment: 3 to 10°C

## Reagent capacity

24 self-sealing reagents packs of 50 tests each

## Immunoassay menu capacity

> 50 preprogrammed, barcoded immunoassay methods currently available

## Barcoded reagents

Automatic tracking of:  
Number of tests  
Available tests  
Expiration date  
Lot number  
Calibration expiration

## Calibration

Calibration curve stability up to 56 days (assay dependent)  
Calibration curves and parameters displayed on screen and printouts

## Sample management/capacity

Up to 60 samples at one time in six trays of 10 samples each

### Barcode symbologies:

Code 39 (Code 3 of 9 or SD-3)  
Code 128 (USD-6)  
Interleaved 2 of 5 (USD-1)  
Codabar (USD-4)

### Sample volume:

5 to 250 µL (assay dependent)

Primary probe obstruction detection

## Sample types (assay dependent)

Serum  
Plasma  
Urine  
Amniotic fluid  
Whole blood

## Sample container sizes

### Primary Tubes:

12, 13 x 75 mm glass or plastic  
16 x 75 mm  
13, 16 x 100 mm

### Sample cups:

2.0 mL, 3.0 mL  
1.0 mL, 2.0 mL insert cups

Pediatric insert  
Autoaliquot tube

## Communication modes

Uni-directional, bi-directional, bi-directional with true Host Query, RS-232C Serial

## Power and environmental requirements

### Analytic unit:

15A at 115 to 120 VAC or  
6A at 220 to 240 VAC (50/60 Hz)

### Heat output:

2,730 BTU/hr (analytic unit)

### Ambient operating environment:

Ambient temperature: +18°C to +28°C  
Relative humidity: 20 to 80% relative, non-condensing  
Altitude: ≤ 6,500 ft. (2,000 m)  
Ambient light: 0 to 200 foot candles

## System console computer

1.66 or 3.4GHz processor  
500 GB hard disk drive or  
80 GB solid state drive  
512 MB RAM  
19-inch touch-screen monitor

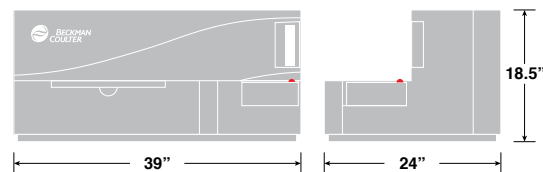
## Dimensions and weight

### Analyzer:

Height: 18.5 in (47 cm)  
Length: 39 in (99 cm)  
Depth: 24 in (61 cm)  
Weight: 200 lbs (91 kg)

### Clearance requirements:

Rear = 2 in (5 cm)  
Left = 12 in (30 cm)  
Right = 30 in (76 cm)  
Top = 30 in (76 cm)



Contact your local Beckman Coulter sales representative for availability.

\* In development

\*\* Research Use Only (RUO)

† Available exclusively from Alere or its authorized distributors for use on Beckman Coulter immunoassay systems.

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‡ phi is a combination of Hybritech PSA, free PSA and p2PSA.

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