



Winner of a 2011 Gold Medical Design Excellence Award (MDEA)*

The MDEA competition is the premier awards program for the medical technology community, recognizing the achievements of medical product manufacturers and the many people behind the scenes who are responsible for the groundbreaking innovations that are changing the face of healthcare.



With next-generation technology, the award-winning cobas b 123 POC system does more to help your staff make a difference in patient care

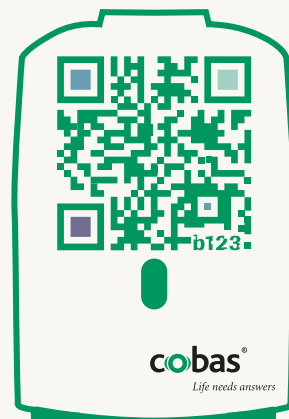
- With 1-and-Done, routine maintenance is complete every time you change the fluid pack
- Fluid pack requires no refrigeration and features a shelf life of up to 9 months to better protect your investment
- Broad assay menu with lactate capability and fast sample processing time for laboratory-class results at the point of care

To find out more, contact your Roche Diagnostics representative or call 800-428-5076.

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*The award is based upon descriptive materials submitted to the jurors; the jurors and the competition operators did not verify the accuracy of any submission or of any claims made and did not test the item to which the award was given.



The cobas b 123 POC system

The portable blood gas analyzer that delivers optimal reliability to help your hospital staff provide outstanding patient care



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cobas[®]
Life needs answers



Transferrable consumables with smart chip technology

All of the *cobas b 123* POC system consumables – fluid pack, sensor, and AutoQC Pack – come with smart chip technology that allows them to be transferred between analyzers, optimizing reagent use.

Decoupled sensor

If the sensor fails, unused reagents are not wasted – only the sensor needs to be replaced.

Clot detection and removal

Through the use of Roche's innovative clot catcher and 4 levels of clot detection and prevention, the *cobas b 123* POC system detects and removes virtually all clots before they ever reach the analyzer system, minimizing a significant source of downtime.

Over 3500 whole blood samples were assessed using the *cobas b 123* POC system with no blood clots reported during evaluations in the clinical environment of the University Hospital in Graz, Austria.



- 1. Decoupled sensor
- 2. AutoQC Pack
- 3. Fluid pack

Frees your hospital staff to spend more time providing quality care to patients

*With fully integrated maintenance and next-generation technology, the **cobas b 123** POC system practically eliminates routine maintenance*

1-and-Done maintenance

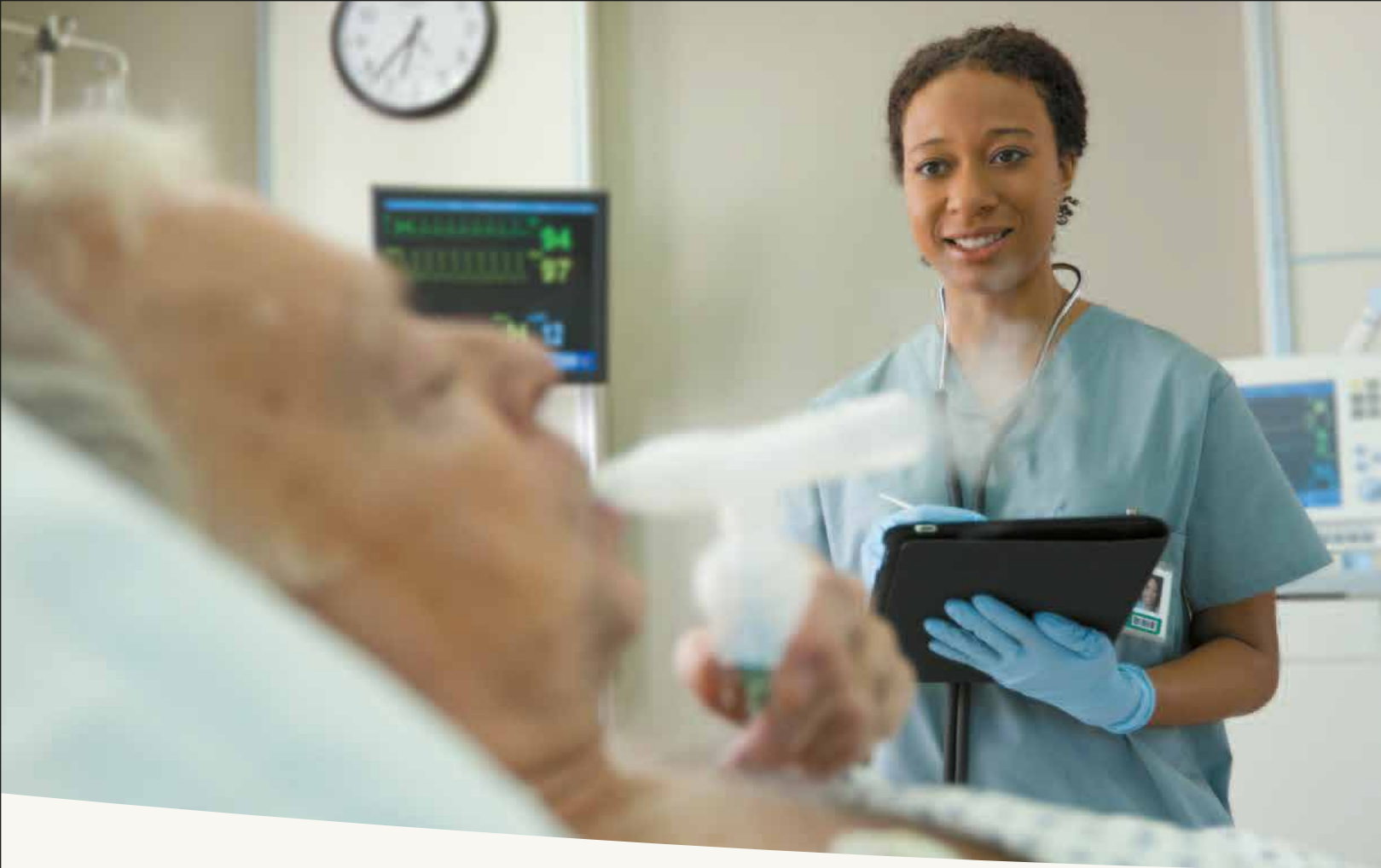
- With 1-and-Done, routine maintenance is complete every time you change the fluid pack

Maximize resources

- The only consumables you will routinely need to replace are the sensor, AutoQC Pack, and fluid pack

Maintenance is automatically recorded every time you change the fluid pack

Auto recording of fluid pack change also acknowledges the following maintenance items are replaced: a new waste container, sample port, cuvette, sample sensor contacts, tubing, peristaltic pump tubing, and air filter.



Safe and simple

When the fluid pack is changed, a new waste container, sample port, cuvette, sample sensor contacts, tubing, peristaltic pump tubing, and air filter are replaced.



1. Lighted sample port with patented safety shield

Get the most out of your investment

The cobas b 123 POC system is designed to reduce your hospital's investment in reagents and consumables

Fluid Pack Protection System

- Through the use of a decoupled sensor and 4 levels of clot detection and prevention, the superior integrated pack system is designed to prevent premature pack failure

Protecting your investment

- The fluid pack requires no refrigeration and, therefore, no warm-up time or process. The fluid pack features a shelf life of up to 9 months and the ability to be stored at room temperature to help protect your investment in consumables

Innovation on wheels

- With a durable, ergonomically designed mobile cart, the **cobas b 123 POC** system is easily transported to deliver laboratory-class results wherever you go

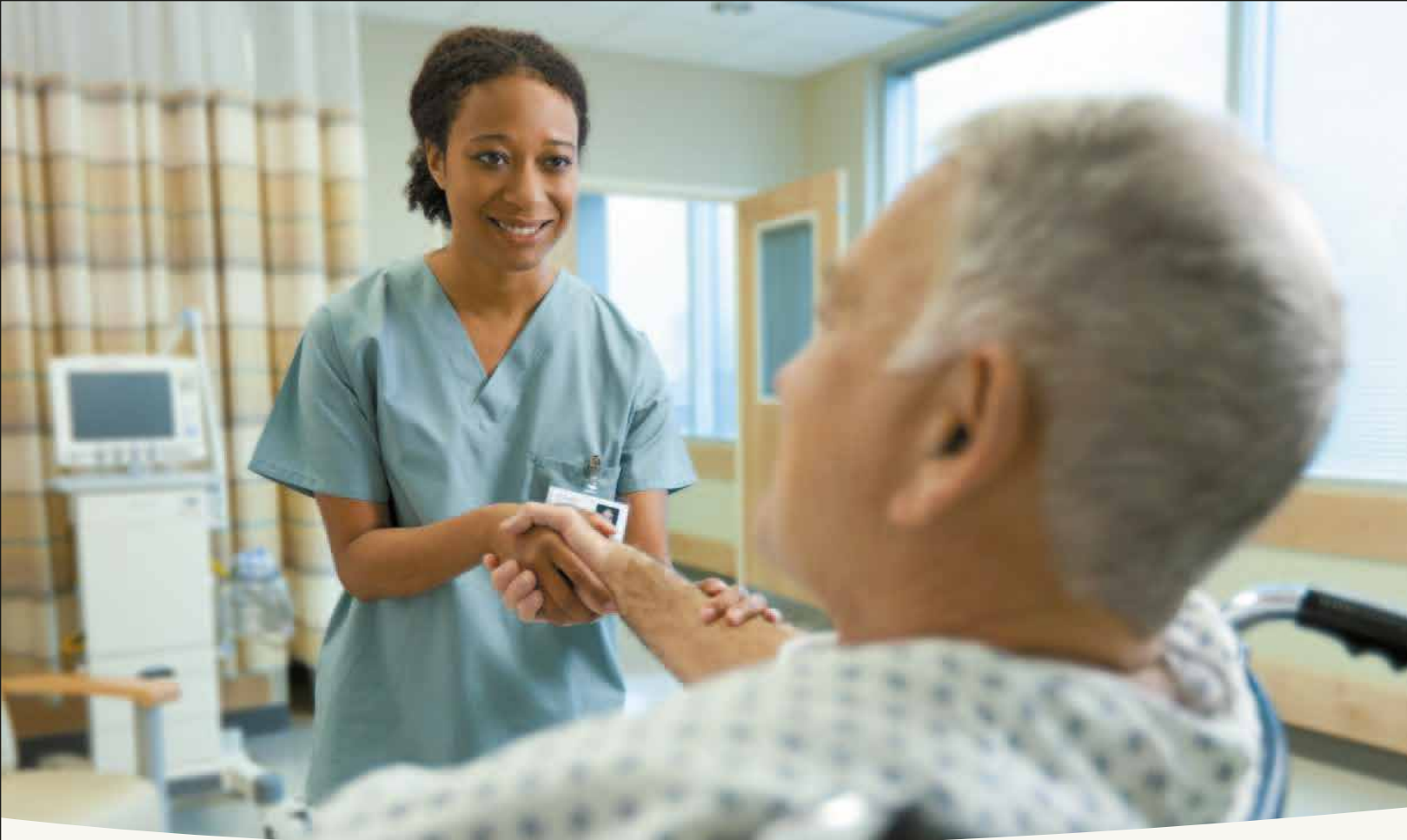


Remote troubleshooting with cobas e-services

Roche Technical Support with direct access to your blood gas analyzer can help troubleshoot and diagnose issues before they become major problems.

Remote management with cobas bge link software

Optimize efficiency by managing all **cobas** blood gas analyzers and data directly from the manager's office.



Leading innovation to help simplify compliance

*Thanks to next-generation technology with the **cobas b 123** POC system, portability does not have to mean compromised results*

Sensor changes are automatically recorded to meet regulatory compliance for documenting installation and immediately establishing onboard expiration date.

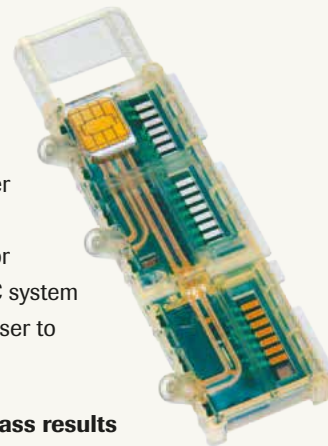
Help your staff with inventory and order management for just-in-time consumables procurement.

Patented sensor

- Nine areas of measurement deliver accurate, laboratory-class results
- With its patented, thick-film sensor technology, the **cobas b 123** POC system brings laboratory-class results closer to the bedside

Portable in nature; laboratory-class results

- Comprehensive, 15-parameter test menu enables confidence at the point of care
- Quickly evaluate a patient's acid/base balance and oxygenation along with sepsis status utilizing lactate test results



*The **cobas b 123** POC system does more automatically to help you comply with regulatory requirements*

AutoQC Pack

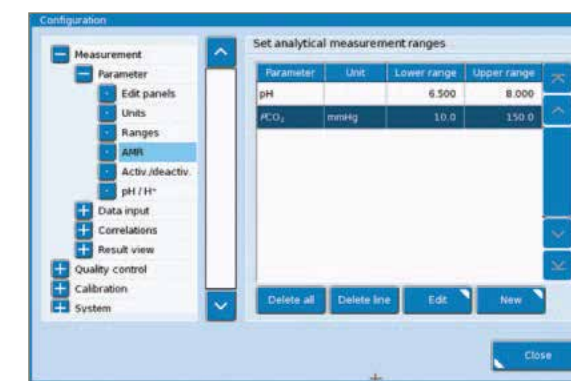
- Onboard AutoQC Pack allows for automated quality control without interrupting workflow

Linearity testing

- Unique, automatic linearity testing feature with AutoCVC pack provides results that can be graphed, printed, and ready for review and signature



Linearity set-up



CVC measurement parameter

Electronic Quality Assurance Program (eQAP)

eQAP provides linearity and quality control peer performance data to help keep your facility regulatory compliant.

Abbreviation: CVC, Calibration Verification Control.