cobas p 480 Instrument

Automating your primary vial preprocessing steps

The **cobas p** 480 Instrument improves laboratory efficiency by allowing valuable technician time to be used more productively, eliminating repetitive, manual sample handling, improving workflow and reducing risk of contamination, human error and workplace injury.

Improving laboratory efficiency

- Accepts PreservCyt®, SurePath™ liquid based cytology vials as well as **cobas**® PCR Media and **cobas**® PCR Cell Collection Media primary vials
- Processes four vials simultaneously
- Intuitive interface requires minimal training
- High throughput automation allows a single **cobas p** 480 Instrument to support up to two **cobas**® 4800 Systems, delivering

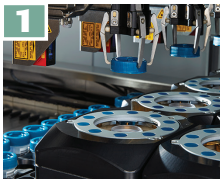
Up to 376 cobas® 4800 System results in 8.7 hours

Up to 470 cobas® 4800 System results in an 8.5 shift*

*Final run completes overnight

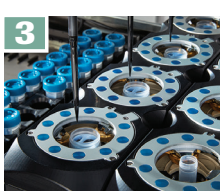
Decapping workflow using 1 **cobas p** 480 Instrument and 2 **cobas**® 4800 Systems

Reduces hands on time and repetitive motions with four unique workflows



Decapping
Removes caps from primary tubes for testing on the **cobas**® 4800 System

Recapping
Recaps sample vials with new caps to avoid contamination



Aliquoting
Aliquots configurable volumes from PreservCyt®, SurePath™ and **cobas**® PCR Cell Collection Media primary vials into barcode matched secondary tubes

Compatible with SurePath™ vials with plastic inserts

Reagent addition and heating*
Addition of **cobas**® Sample Prep Buffer and incubation of specimens collected in SurePath™ medium to reverse cross-linking and free nucleic acids for testing[1]

*__cobas__® Sample Prep Buffer and use of SurePath™ Medium with the **cobas**® HPV Test are not approved by the FDA for use in the United States.

cobas®
Life needs answers

Improves sample reproducibility and process reliability

- Sample chain of custody is assured with primary and secondary vial barcode matching
- All vials are spun prior to opening to remove potentially contaminating droplets from sample caps
- Precision pipetting using CO-RE tip, Total Aspirate and Dispense Monitoring and Anti-Droplet Control technologies reduce opportunities for contamination and ensure sample integrity
- No LIS or data connection required
- Printable reports capture all sample ID's, sample error and reagent lot and expiration information

System Specifications

Power	
Power consumption	Max. 1000 VA
Line Voltage	115 VAC (-15%) to 230 (+10%) VAC
Line frequency	50/60 Hz ± 5
Power interuption	115 VAC: 10 A
	230 VAC: 5 A
Interfaces	
Instrument to PC	USB
Dimensions	
HxWxD (with full cover)	90.5cm x 166.5cm x 101cm (35.6" x 65.55" x 39.76")
Weight	~180 kg

[1]Kiernan, J. A. Preservation and retrieval of antigens for immunohistochemistry – methods and mechanisms Part 2. Retrieving masked antigens Department of Anatomy and Cell Biology. The Cutting Edge: 5-11. http://publish.uwo.ca/~jkiernan/FixAnti2.pdf

Roche Molecular Diagnostics
4300 Hacienda Drive
Pleasanton, CA 94588
USA
www.molecular.roche.com

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