alpha laboratories
supplying quality to science

HM-CODIAM

Proven Performance. Improved Workflow.



Introducing the new HM-CODIAM, the latest innovation from Canon Medical Diagnostics Corporation, manufacturers of the NICE-recommended HM-JACKarc platform.

A fully automated immunoassay analyser for the Faecal Immunochemical Test

The HM-CODIAM combines the trusted analytical sensitivity, reliability, and high throughput of the HM-JACKarc with a modern, user-focussed design to improve laboratory workflows and enhance useability.

	HM-JACKarc Series	**HM-CODIAM**
Throughput	Up to 200 tests per hour	Up to 200 tests per hour
Analysis Method	Latex Particle Agglutination	Latex Particle Agglutination
Measurement Principle	Integrated Spherical Turbidimetry	Advanced Photometric Absorbance
Measurement Range (µg Hb/g faeces)	7µg/g to 400µg/g	7µg/g to 400µg/g
Result Interval	Every 18 seconds	Every 18 seconds
Sample Capacity	80 samples (8x10 racks)	80 samples (8x10 racks)
Reagent Capacity	One set – up to 200 shots	Three sets – up to 600 shots
User Interface	7.6" touchscreen	12.1" adjustable touchscreen
Barcode Scanning of LOT & Expiry	Handheld scanner	Integrated automatic scanner
Benchtop System	✓	✓
Temperature-Controlled Reagent Table	×	✓
Dilution Measurements	×	✓

New Integrated Reagent Table

- ✓ Loads three pairs of latex and buffer bottles in one go, enabling continuous processing for up to 600 tests.
- ✓ Automated internal barcode scanner captures the LOT and expiry of the installed latex and buffer, reducing manual input.
- ✓ Temperature controlled reagent table at 20°C during operation reduces in-process variability due to environmental fluctuations.





Improved Technology and Storage

- ✓ Modern 12.1" adjustable touchscreen interface
- ✓ Automated calibration and Quality Control management
- ✓ Can hold up to 100 calibration results
- ✓ Stores 100,000 test results for easier historical review
- ✓ Can now set up five user accounts for bespoke access

Reduced Routine Maintenance Requirements

- ✓ Automated probe washing
- ✓ Sample collection device gripper for improved in-process stabilisation
- ✓ Part replacement interval viewable on the analyser

For more information, please contact your Key Account Manager, scan the QR code or visit the website below:

faecal-immunochemical-test.co.uk/HM-CODIAM

Product Code	Product Description	Contents
066090	HM-CODIAM Analyser	1 unit
066100	Extel Hemo Auto NE Latex-Buffer	4 x 14 ml Latex & 4 x 50 ml Buffer
066101	Extel Hemo Auto NE Calibrator	8 x 1 ml (4 x High, 4 x Low)
066097	Extel Hemo Auto NE Liquid Control	4 x 3 ml (2 x High, 2 x Low)
063631	Extel Hemo Auto MC Collection Picker	200 pieces
063632	Extel Hemo Auto MC Collection Picker 400	400 pieces
052404	Wash Liquid (Auto Detergent H)	200 ml
053150	HM-JACKarc Reaction Cells	1000 pieces
053151	HM-JACKarc Sample Cup	500 pieces
057848	HM-JACKarc Printer Paper	2 rolls