AggRAM Platelet Aggregometer
The AggRAM offers fully customisable platelet aggregation and ristocetin cofactor testing by combining a high performance analyser with powerful software that allows up to 21 patient results to be overlayed and compared simultaneously.

- **4 or 8 Channels** – Fully flexible, multiple agonist configurations and concentrations
- **Flexibility** – Customise your assay test sequence, calibration, dilutions, volumes, run times, display parameters, input additional agonists and create new screens
- **Half-volume** – Fully optimised half volume settings, including programmable stirrer speed
- **Powerful data handling** – Automatic calculation of slope, max% aggregation, time to max aggregation, lag phase, secondary slope and area under the curve (research use only) with full manual edit options
- **Security** – Operator log on with password level protection
- **Database** – Extensive database for patient results, quality control and standards. Data retrieval with the safety of full automatic backup

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Class-leading analysis software — HemoRAM

- **Overlay and compare up to 20 previous results** with the current test – determine ranges for normal results using normal/abnormal data
- **Export** result data to CSV, TXT, QRK, HTM, XLS, RTF, PDF formats, allowing free interchange of results with colleagues
- **Flexible working** – enter patient demographics either before or after results, allowing you to include diagnoses in reports
- **Customised reports** – Include data from one channel or four, one patient or the whole run, retrieve archived data to profile individual patients
AggRAM Assays

Platelet Aggregation

- Customise and define your multi agonist panel, reagent name, concentration, units, test sequence and secondary slope extrapolation, reaction volumes, run times and display parameters
- Automatic calculation of slope, max % aggregation, time to max aggregation, lag phase, secondary slope and area under the curve (research use only) with full manual edit options and smooth data function
- High quality results with unsurpassed precision
- CVs <3% - max% aggregation
- Store and overlay up to 21 aggregation reference curves from the AggRAM database
- Full range of high quality aggregation reagents
- Agonists supplied at a high stock solution concentration to enable high dose and low dose dilutions¹

1: Platelet function testing by aggregometry: Approved guideline H58-A vol 28 No. 31

Catalogue numbers

Platelet Aggregation Assay Kit 5369
- 2×1.0 mL ADP
- 2×1.0 mL Collagen
- 2×1.0 mL Epinephrine
- 2×1.0 mL Epinephrine 3mM (2×1.0 mL) 5367
- Ristocetin 15mg/mL (10×0.5 mL) 5199
- ADP 200µM (2×1.0 mL) 5366
- Collagen 100µg/mL (2×1.0 mL) 5368
- Arachidonic Acid 5mg/mL (2×1.0 mL) 5364

Ristocetin Cofactor

- Customise and define your assay including test sequence, calibration standards and dilutions, reaction volumes, run times and display parameters
- Calibration via a four-point curve or three-point plus quality control. Automatic r² calculation
- Results expressed graphically in raw data or plotted directly against the calibration curve
- Define your quality control material and selectively assign Westgard rules. QC software includes automatic error messages and an integrated corrective action log
- Quality control data is evaluated and displayed graphically using Levey-Jennings charts. High quality results with unsurpassed precision. Within run CVs <5%
- Full range of high quality Ristocetin Cofactor assay reagents available as a complete kit or separate components to minimise reagent wastage

Catalogue numbers

Ristocetin Cofactor Assay Kit (120 tests) 5370
- Ristocetin 10mg/mL (10×1.5 mL) 5372
- Lyophilised Platelets (5×5.0 mL) 5371
- Lyophilised Platelets (5×10.0 mL) 5356
- Ristocetin Cofactor Abnormal Control (10×0.5 mL) 5373
- SARP Reference Plasma (10×1.0 mL) 5185
- Tris-Buffered Saline (1×125 mL) 5365
AggRAM Specifications

Test Types: Platelet Aggregation and Ristocetin Cofactor
Absorbance Range: 0.0 to 2.0 OD
Measuring Wavelength: 650 nm
Optical Chambers per module: Four chambers for combined or individual measurements
Cuvettes: 8 mm × 60 mm (siliconised glass)
Stir Bars: 3.5 mm × 4 mm (coated magnet)
Incubation and Reaction Temperatures: 37ºC +/-1ºC
Graphs: -20% to 110% activity (+/-0.5%) versus time
Instrument Operating Environment: Ambient Temperature Range 15ºC to 30ºC (59 to 86ºF)
Input Power: 110/220 Vac, 50/60 Hz, 1200 Watts Maximum
Dimensions: 6” (15.24 cm) tall × 10” (25.40 cm) wide × 17” (43.18 cm) deep
Weight: < 15 lbs (6.75 kg)

Computer Minimum Specifications:

- 800 MHz or higher processor (Intel Pentium/Celeron family processor recommended)
- 64 MB or higher recommended of RAM.
- 1.5 GB of available hard disk space.
- Super VGA (800 x 600) or higher resolution video adapter monitor.
- Keyboard and Microsoft Mouse or compatible pointing device.
- Optional - Handheld Wedge Type Bar Code Scanner (Unitech or compatible) capable of reading:

AggRAM Catalogue numbers

<table>
<thead>
<tr>
<th>Description</th>
<th>Cat. no.</th>
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<tbody>
<tr>
<td>AggRAM Analyser (plus software only)</td>
<td>1487</td>
</tr>
<tr>
<td>AggRAM Analyser (including PC and software)</td>
<td>1487PC</td>
</tr>
<tr>
<td>AggRAM Cuvettes (&gt;200)</td>
<td>1473</td>
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<tr>
<td>AggRAM Stir Bars (&gt;30)</td>
<td>1489</td>
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<tr>
<td>AggRAM Platelet Scale Set</td>
<td>1479</td>
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