

Spending too much time, sample and reagent on Platelet Aggregation testing with LTA?

Cut Those Costs In Half

with the
NEW CHRONO-LOG® Model 490 4+4
8-Channel Optical Aggregation System



How ?

Reduce Blood Draw Volume ... ideal for small samples as only 250 uL of PRP is required per test

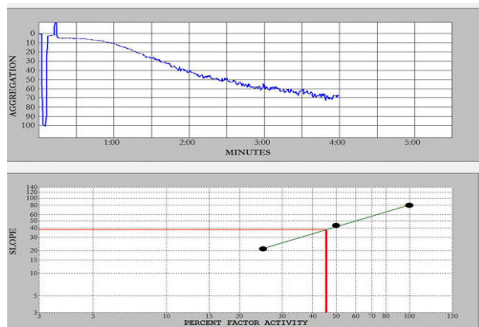
Use Less Reagent per Test ... Save Money!

Improve Turn-Around Time ... One (1) run and done! Test with (2) ADP, (1) Collagen, (1) Arachidonic Acid, (1) Epinephrine, (2) Ristocetin and (1) Other Reagent

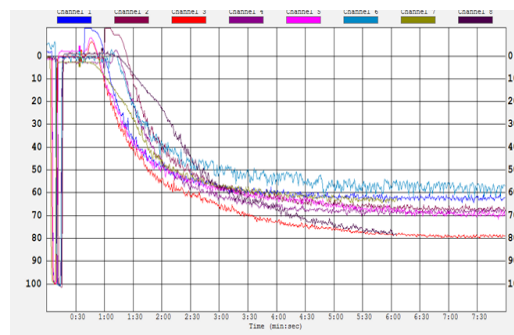
Maintain Accuracy ... and the reliability you expect from Chrono-log with Improved Self-Calibration of Optical Circuits

MODEL 490 4+4 TESTING CAPABILITIES INCLUDE:

vW CoFactor Opti8 Software with Customized Color-Coding



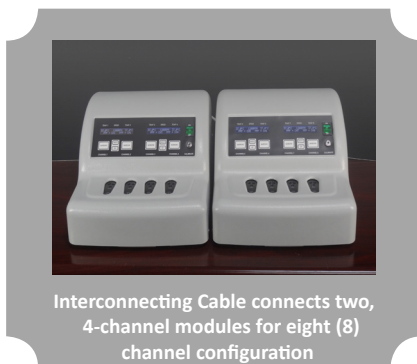
AGGRO/LINK® Opti8 Software with Customized Color-Coding



PLUS ...

CLINICAL APPLICATIONS:

- o DIAGNOSTIC STUDIES
- o DETECTION OF VON WILLEBRAND DISEASE
- o MONITOR EFFECTS OF ANTI-PLATELET THERAPY



RESEARCH APPLICATIONS:

- o PLATELET RESEARCH STUDIES
- o PHARMACEUTICAL RESEARCH
- o LEUKOCYTE AGGREGATION
- o DETECT HEPARIN-INDUCED THROMBOCYTOPENIA
- o TEST WITH PRP, WASHED OR GEL-FILTERED PLATELETS

SPECIFICATIONS:

Test Channels: 4 Channels [One Module] or 8 Channels [Two, 4-Channel Modules] with: Optical Aggregation test PRP, gel-filtered or washed platelets with over-range detection to prevent operation if baseline does not set.

Front Panel Display and Controls:

LCD Display - 24 characters x 2-line Liquid Crystal Display, one per channel displays: Displays temperature in degrees Celsius, stirring in RPM's, PPP/ reference Select, Calibration mode and warning messages.

Power ON/OFF Switch

Set Baseline Pushbutton - Sets Aggregation baseline to 0%.

Select Pushbuttons - Selects Temperature, Stirring speed and PPP/ Reference [one pushbutton selects for (2) channels].

Set Pushbuttons - to adjust Temperature, Stirring speed and PPP/ Reference [one pushbutton sets (2) channels].

Calibration Switch - Key-activated calibration of optical circuits.

Heater Block - Electronic control can be set between 35.0°C and 39.0°C in 0.1°C steps.

Stirrer - 400 to 1200 RPM in 100-RPM steps with "Stirrer Stopped" position.

Test Sample:

Volumes: 250 uL or 500 uL samples [spacer not required for micro-volume testing]

Cuvettes: P/N 312

Stir Bars: reusable Teflon coated P/N 313, Disposable P/N 311

General Specifications (each module):

Power requirements - switch selectable 115 or 230 VAC; 50/60 Hz, 150 watts max.

Dimensions - 14" (35.5cm) wide, 8.5" (21.6cm) high, 15" (38cm) deep

Weight - 19.3 lbs. (8.75kg)

Incubation Wells - Two (2) wells per channel @ 36.5°C ± 1.0°C when temperature set at 37°C

Output:

Serial: Internal AGGRO/LINK® interface for use with a computer and AGGRO/LINK® and vW CoFactor Opti8 software.

Analogue: connectors on rear chassis for interface to a strip chart recorder.

To discuss your platelet testing needs, please contact us:

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