

Impact-R™ System for Research Laboratories:

The CPA is marketed under the brand name Impact-R™ (Image analysis, Monitoring, Platelet, Adhesion, Cone & Plate Technology). The Impact-R™ is intended for research laboratories. Impact-R™ System for Research Laboratories

The Ultimate Research Tool for Platelet Function Testing The Impact-R is a novel device for testing platelet function under close to physiological conditions.

The device tests platelet adhesion and aggregation in anti-coagulated whole blood (citrate buffer tubes) under arterial flow conditions (1800s-1 for 2 min).

Laminar flow over the polystyrene surface of the well is achieved following to the Cone and Plate principal. Upon application of a blood sample (130 µL) into the polystyrene well, plasma proteins immediately adhere to the well surface and become attractive for platelets, resulting in platelet adhesion and aggregation on the well surface under flow conditions.

Following washing of excess blood and staining of the adhered platelets, a quantization of the results is performed by an image analyzer.

The results are expressed as the percentage of the well surface covered by platelet aggregates (percentage SC) representing platelet adhesion and the average size of the aggregates (AS in µm²) representing platelet aggregation. The Impact-R is aimed to study platelet function, screening of primary haemostasis abnormalities and monitoring their therapies.

It can be used for testing both hypo- and hyper-function of platelets.

Furthermore, it provides a quick method for monitoring the response to various anti platelet drugs.

Impact-R Website and Applications:

During the last years extensive experience was gained using CPA and Impact-R™ method. Over 50 scientific studies and reviews have been published by the inventors and their worldwide collaborators at various renowned medical institutions on the CPA technology.

At the Impact-R Website you find a presentation how to use Impact-R and work procedures for several applications.

Impact-R Website: www.Impact-R.com

How to Order:

Matis Medical's Representative in Brussels (Belgium) is your point of contact for all orders and shipments (Europe and Overseas) of Impact-R

Test Kits and Impact-R instruments.

Impact-R Test Kits (50 Tests)

Cat. No. 866050

Impact-R Instrument

Cat. No. 866002

For orders and enquiries please contact:

Willy Danenberg

Worldwide Representative -

Matis Medical

C/O DANED SA

55 Elfbunderslaan

B-1650 Beersel, Belgium

Tel: +32 475 79 11 44

Fax: +32 2 380 32 82

Email: willy@matis-medical.com

