

YOUR SEARCH FOR RESEARCH



NOVA INSTRUMENTS PVT. LTD.

(AN ISO 9001:2008 CERTIFIED COMPANY)

QUALITY PRODUCT

CUSTOMIZED DESIGN

QUICK SERVICE

HIGH, MEDIUM & LOW TEMPERATURE CD TEST APPARATUS



Sales Inquiry : +91 8141691887, nova@novainstruments.in
Technical Inquiry : +91 9824032391, dipen@novainstruments.in
For Service : +91 9428423369, service@novainstruments.in
Web Site : www.nova-techgroup.com

Address : Nova Instruments Pvt. Ltd.
Office & LAB F7, F8, & Factory 18, 27, 28,
Arvind Industrial Estate No.2, Opp. PurvDeep BRTS Busstop,
NR. CTM Cross Road, Ahmedabad-380026, Gujarat, India.



HIGH, MEDIUM & LOW TEMPERATURE CD TEST APPARATUS

Introduction: We, Nova Instruments Pvt. Ltd., an ISO 9001:2008 certified company are manufacturing and supplying various Coating Test Instruments:

1. High Temperature CD Test Apparatus:

- Plate Temperature Control 120° C to 140° C.
- Electrolyte Solution Temperature Control 95° C \pm 2° C.
- As per **NF A 49-711 and equivalent standard.**

2. Medium Temperature CD Test Apparatus:

- Plate Temperature Control: 90° C to 120° C.
- Electrolyte Solution Temperature Control: 65° C \pm 2° C.
- As per **AS 3862, ASTM G42, CSA Z 245.20 and equivalent standard.**

3. Low Temperature CD Test Apparatus:

- Plate Temperature Control: 65°C to 95°C.
- Electrolyte Solution Temperature Control: 23°C \pm 2°C with use of Cryo circulating Bath (Cryo Bath is optional).
- As per **NF A 49-711 and equivalent standard.**

OPTIONAL ACCESSORIES COMPATIBLE WITH ABOVE UNIT:

A) Cathodic Disbonding Test Apparatus (-1.5 V or -3.5 V):

- Constant Voltage as per CAN/CSS 245.20 Standard
- Fully Automatic, set voltage, Current Display provision
- Models available 1 Channel, 2 channel, 4 channel & 8 channel
- Data Logging provision



**Cathodic Disbondment
Tester 2 Channels**



**Cathodic Disbondment
Tester 4 Channels**



**Cathodic Disbondment
Tester 8 Channels**

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B) Cryo Circulation/Hot & Cold Circulation Bath:

- For Suitable C.D test at $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$
- Below ambient temp. as per application upto 5°C
- Available in diff. Capacity-5 litre, 10 litre, etc.



C) Constant Current CD Test Power Supply for Cathodic Disbonding Test:

- For constant current, 3mA, as per AS/NZS 4352 -1995 and equivalent standard
- Fully Automatic, current correction
- Models available 1 Channel, 2 channel, 4 channel & 8 channel
- Data Logging provision.

D) Data logging Software with Accessories (Without Laptop)

OTHER PRODUCTS:

- Gel Plate / Gel Timer / Curing Plate (as per Canadian & ISO standard)
- Dipping Unit with fluidized bed
- Dipping Unit- double dipping with fluidized bed
- Cathodic Disbondment Tester for 1, 2, 4, 8 & 16 test channel.
- Sand Bath
- Triple Walled Oven
- Cryo Circulation Bath with Cooling
- Microscope with digital Camera and Measuring Software
- Measuring Equipments like Coating Thickness, Pipe Temperature Indicator, Ultrasonic Thickness Gauge,
- Refrigerated Instruments / Deep Freezer for -20°C & -40°C . (Vertical & Horizontal)
- VSP Apparatus Standard and digital model
- Melt flow Index Tester

-----DATA & DESIGN SUBJECT TO CHANGE DUE TO CONTINUOUS -----Rev 1 - PIPE

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