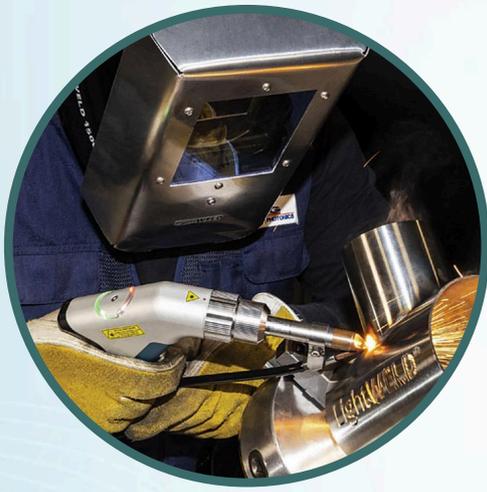




**Ohmetron**  
INNOVATIVE LABORATORY EQUIPMENT



# PRODUCT SPECIFICATION



## FOUNDATIONAL INNOVATION.

### Our Equipment's, Your Success

**Igneous Technologies Pvt. Ltd.** is a market leader in the production of laboratory medical devices. **Ohmetron** is our premier brand for Autoclaves, Baths, BOD, Heating Ovens, Incubators, and a variety of other products.

Igneous' emphasis and concentration has always been on user-friendly goods with an attention to detail, resulting in a product that is an addition to any modern setup. The following are the highlights of Igneous products:

- Excellent aesthetics and one-of-a-kind designs
- Over time, dependable and consistent performance
- Reduced downtime
- Parts are guaranteed to be available.
- Qualified Customer Help Engineers provide phone and email support.

*The products listed in this Short Form Catalogue cum Price List are all "plug and play" - easy to install instruments requiring no elaborate installation. All electrical products are supplied with:*

- Detailed Operation Manual - including installation guidance and basic troubleshooting
- Test Reports
- Calibration certificates traceable to National standards
- Warranty Cards.



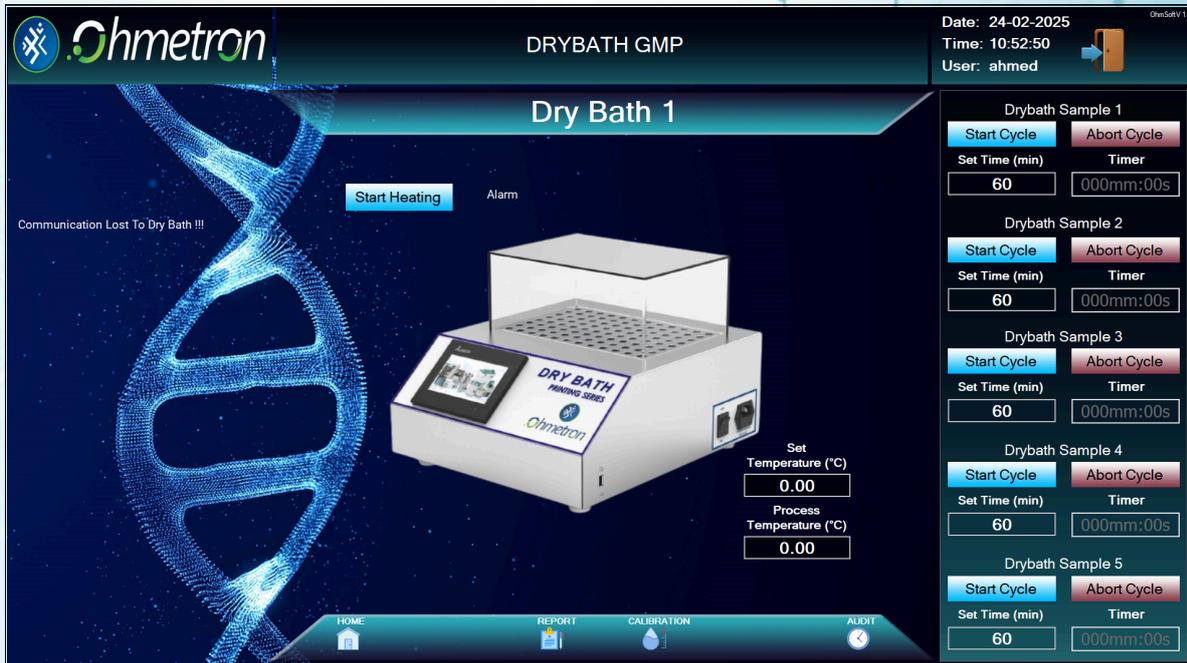


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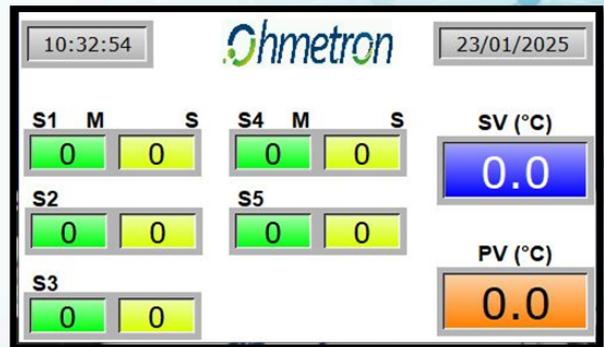
# DIGITAL DRY BATH

## WITH 21 CFR COMPLIANT PC SOFTWARE

### SCADA OPERATING MAIN DISPLAY



**DRY BATH SCADA CONNECTION**



**HMI DISPLAY**

## FEATURES COMPLIANCE WITH 21 CFR PART 11

- **Electronic Data Logging:** secure, traceable data storage.
- **Audit Trail:** Record temperature settings and any changes by user.
- **User Authentication:** Multi-level access control to prevent unauthorized changes.
- **Electronic Signatures:** Available, Complied with part 11 validation.
- **Data Integrity:** Protection against data loss, corruption, or unauthorized alterations.

## ADVANTAGE OF OHMETRON DRY BATH 21 CFR MODEL

- A single dry bath can accommodate up to **5 samples**, each with **individual timer** settings, while maintaining a **consistent temperature** throughout the operation.
- Multiple dry baths can be integrated into a single SCADA software, allowing independent operation at different temperatures based on specific application requirements. ( **Optional if customer require** )
- “Communication Lost” **Alarm** system
- A **cycle abort comment box** is available, requiring users to **compulsorily provide a reason** whenever a cycle is manually aborted.

**Igneous Technologies Pvt. Ltd**

[WWW.OHMETRON.COM](http://WWW.OHMETRON.COM)



\*The product design & specification are subject to change due to continues R&D.



## DATALOG REPORT

<b>Ohmetron</b>		<b>IGNEOUS TECHNOLOGIES PVT. LTD. DRY BATH LOG - REPORT</b>		<b>Ohmetron</b>	
Department	Production Block III, Line D (Sterile)	User Name	Jay Thaker		
Equipment Name	DryBath	Equipment ID			
Product Name	Jay	Batch No.	30 Jay		
Cycle Start	21-01-2025 15:43:52	Cycle End	21-01-2025 15:48:21		
<b>Dry Bath Cycle Set Parameters</b>					
1		°C	37.0		
Date	Time	Process Value (°C)	Set Value (°C)	Cycle Status	
21-01-2025	15:43:52	36.8	37.0	Started	
21-01-2025	15:44:52	37.1	37.0	Running	
21-01-2025	15:45:52	38.0	37.0	Running	
21-01-2025	15:46:52	37.2	37.0	Running	
21-01-2025	15:47:52	37.2	37.0	Running	
21-01-2025	15:48:21	37.1	37.0	Cycle End	
<b>Summary</b>					
Checked By (User)			Signature		
Name			Name		
Signature & Date			Signature & Dates		
Remarks --					

UserID	FirstName	LastName	Username	UserLevel	IsLocked	IsActive
1	Jay	Thaker	jaythaker85	Administrator	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Girish	Thaker	girish54	Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Jay	Thaker	jaythaker21	Administrator	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Dilip	Nagar	dilip.nagar	Administrator	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	dilip	nagar	53021568	Administrator	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## TECHNICAL SPECIFICATION\*

Model	DDB72GMP21	DDB96GMP21	DDB120GMP21
Hole Capacity in Fix block	72 holes Fix block	96 holes Fix block	120 holes Fix block
Hole Capacity in Removable Blocks	24 Holes X 3 Blocks	24 Holes X 4 Blocks	30 Holes X 4 Blocks
SCADA Communication connection	RJ45 Lan port through		
Display Resolution	0.1°C		
BET Tube Size	Ø 10 X 75 mm		
Temperature Accuracy	± 0.5°C @37°C		
Temperature Uniformity	± 1°C @37°C		
Timer Range	0 to 999 minute		
Block Dimension (L x W x D)**	246 X 122 X 50	246x166x50	246x166x50
Exterior Dimension ( L x W x H)** of Fix Block	390 x 320 x 135	420 x 340 x 135	420 x 340 x 135
Exterior Dimension ( L x W x H)** of Removable Blocks	390 x 320 x 160	420 x 340 x 160	420 x 340 x 160
Power Consumption	300 Watt	500 Watt	500 Watt
Electrical Requirements	230-240 VAC, 50Hz		

## AUDIT TRIAL REPORT

Date Time	Batch No	Old Value	New Value	Audit Message
25/01/2025 09:49:44	N/A	N/A	N/A	Application Opened '25-01-2025 09:49:44'
25/01/2025 09:48:44	N/A	N/A	N/A	Application Opened '25-01-2025 09:48:44'
25/01/2025 09:48:23	N/A	N/A	N/A	Application Opened '25-01-2025 09:48:23'
25/01/2025 09:47:56	N/A	N/A	N/A	Application Opened '25-01-2025 09:47:56'
25/01/2025 09:47:33	N/A	N/A	N/A	Application Opened '25-01-2025 09:47:33'
25/01/2025 09:47:09	N/A	N/A	N/A	Application Opened '25-01-2025 09:47:09'
25/01/2025 09:46:35	N/A	N/A	N/A	Application Opened '25-01-2025 09:46:35'
25/01/2025 09:45:31	N/A	N/A	N/A	Application Opened '25-01-2025 09:45:31'
25/01/2025 09:39:25	N/A	N/A	N/A	User 'jaythaker85' Logged In
25/01/2025 09:39:16	N/A	N/A	N/A	Application Opened '25-01-2025 09:39:16'
25/01/2025 09:38:22	N/A	N/A	N/A	Application Opened '25-01-2025 09:38:22'
25/01/2025 09:29:42	N/A	N/A	N/A	Application Opened '25-01-2025 09:29:42'
25/01/2025 09:25:46	N/A	N/A	N/A	Application Opened '25-01-2025 09:25:46'
25/01/2025 09:25:25	N/A	N/A	N/A	Application Opened '25-01-2025 09:25:25'
25/01/2025 09:24:38	N/A	N/A	N/A	Application Opened '25-01-2025 09:24:38'
25/01/2025 09:23:14	N/A	N/A	N/A	Application Opened '25-01-2025 09:23:14'
25/01/2025 09:22:51	N/A	N/A	N/A	Application Opened '25-01-2025 09:22:51'
21/01/2025 16:21:00	N/A	N/A	N/A	Application Opened '21-01-2025 16:21:00'
21/01/2025 16:19:11	N/A	N/A	N/A	Application Opened '21-01-2025 16:19:11'
21/01/2025 15:45:52	30 Jay	N/A	N/A	Temperature High Alarm 38.0°C (00808-0293)
21/01/2025 15:35:18	N/A	N/A	N/A	Application Opened '21-01-2025 15:35:18'
21/01/2025 15:28:31	N/A	N/A	N/A	Application Opened '21-01-2025 15:28:31'
21/01/2025 14:25:54	N/A	N/A	N/A	Cycle Aborted '21-01-2025 14:25:54'
21/01/2025 14:25:54	N/A	N/A	N/A	Cycle Aborted '21-01-2025 14:25:54'
21/01/2025 14:24:17	N/A	N/A	N/A	Application Opened '21-01-2025 14:24:17'

## MANAGE USER RIGHTS

Available User Privileges
<input checked="" type="checkbox"/> Add User
<input checked="" type="checkbox"/> Edit User
<input checked="" type="checkbox"/> Lock/Unlock User
<input checked="" type="checkbox"/> Password Policies
<input checked="" type="checkbox"/> User Management
<input checked="" type="checkbox"/> Recipe View Only
<input checked="" type="checkbox"/> Recipe Edit
<input checked="" type="checkbox"/> Alarms
<input checked="" type="checkbox"/> Audit Trail
<input type="checkbox"/> Calibration
<input checked="" type="checkbox"/> Reports
<input checked="" type="checkbox"/> Manual
<input checked="" type="checkbox"/> Emergency Stop
<input checked="" type="checkbox"/> Program End
<input checked="" type="checkbox"/> Alarm Acknowledge
<input checked="" type="checkbox"/> Change Own Password
<input checked="" type="checkbox"/> Change Other Password
<input checked="" type="checkbox"/> Main Application
<input checked="" type="checkbox"/> Online Graphs
<input checked="" type="checkbox"/> Start Cycle
<input checked="" type="checkbox"/> Stop Cycle
<input checked="" type="checkbox"/> Audit Trail Print
<input checked="" type="checkbox"/> Report Print

## ORDERING CODE

DDB - HOLE CAPACITY - BODY MATERIAL - CFR 21 SERIES - BLOCK TYPE

igital Dry Bath - 96 ----- GMP ----- 21 ----- R (REM)

igital Dry Bath - 72 ----- GMP ----- 21 ----- F (FIX)





# TERMS & CONDITIONS FOR SALE

## 1. PAYMENT TERMS:

- 100% advance payment is required along with a techno-commercially clear and confirmed order.

## 2. DELIVERY PERIOD:

- The delivery period is 5 to 6 weeks from the date of issuance of our order confirmation letter.

## 3. INSTALLATION:

- The equipment requires mandatory installation by OHMETRON authorized service engineer, and if required by ohmetron installation, validation, and qualification services are available on a chargeable basis. Please inquire for details.

## 4. WARRANTY:

- Carry-in warranty of one year from the date of sale to the customer, covering manufacturing defects.
- If the equipment is damaged during transit, OHMETRON reserves the right to recall it for necessary repairs or replacement.
- P.C. optional and warrant as applicable by P.C. manufacturer.

## 5. DOCUMENTATION:

- OHMETRON provides a Technical Data Sheet (TDS) to customers directly.

## 6. INSTALLATION & QUALIFICATION (IQ, OQ, PQ):

- Qualifications procedures include IQ, OQ, and PQ, performed by an OHMETRON Service Engineer.
- IQ, OQ, and PQ
- Documentation is provided directly to the customer only if the order includes installation, validation, and qualification services.

## 7. VALIDATION CHARGES & TERMS:

- The IQ, OQ, and PQ services for **21 C.F.R.** are subject to a fixed fee of **₹70,000/-**, which includes a **3-day visit** to the customer's location.
- Additional days for **continuous** visits will be charged at **₹12,000/-** per day.
- In the case of **discontinuous** visits due to customer delays, OHMETRON will charge **₹16,000/-** per day.

## 8. DESIGN QUALIFICATION (D.Q.):

- WILL NOT BE PROVIDED UNTIL REQUESTED BY CUSTOMER AND CUSTOMER IS READY TO SIGN NON-DISCLOSURE AGREEMENT (N.D.A.) WITH OHMETRON

## 9. PERFORMANCE QUALIFICATION (PQ):

- Conducted at a single set point (37°C) for 90 minutes in a single cycle.
- PQ is performed using a datalogger with 16 sensors, as per the mapping diagram provided in the PQ document.
- Additional set points are chargeable.

**IF REQUIRE FURTHER DETAIL OR CLARIFICATION , PLEASE CONTACT TO OHMETRON  
TECHNICAL TEAM: +91 63566 37317**

