



# All India Institute of Medical Sciences Jodhpur

Admn/Prop/30/2020-AIIMS.JDH

Dated: - September 05, 2020

**Subject:** Purchase of Mastercycler X50s, silver block, 96-well plate or 0.1/0.2 mL tubes for the Extramural Research Project at Research Section, AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Mastercycler X50s, silver block, 96-well plate or 0.1/0.2 mL tubes for Extramural Research Project at Research Section, AIIMS, Jodhpur from M/s Eppendorf AG, Hamburg, Germany on proprietary basis. The proposal submitted by M/s Tomar Scientific Corporation, Jodhpur and PAC certification by user are attached.

The above documents are being uploaded for open information to submit subjection, comments, if any from any manufacturer regarding proprietary nature of the equipment within 21days of issue giving reference Admn/Prop/30/2020-AIIMS.JDH. The comments should be received by office of Dean (Research), Research Section at AIIMS, Jodhpur on or before September 26, 2020 upto 03:00 PM failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

**Dean (Research)**

**Enclosed:** Related documents enclosed.

Ref No. TSC/JDH/20-21/0440

Date: 21.08.2020

To,  
The Dean Research Cell,  
All India Institute of Medical Sciences,  
JODHPUR - (Raj.)

Sub: Quotation for 2D-Gradient PCR Eppendorf

Dear Sir,

While thanking you for your esteemed Inquiry No. and Dated: We beg to quote our competitive rates and the detailed specification as under. We hope our quotation will meet your approval and you will oblige us by placing your valued order.

1. Mastercycler® X50s, silver block, 96-well plate or 0.1/0.2 mL tubes  
Model No. 6311 000.010

Make Eppendorf

Mastercycler® X50s, 110-230V 96-well thermoblock, silver with control panel EU and US plug Touch screen interfaced Silver block system for 96 x 0.1/0.2 mL PCR Tube or One 96-well PCR plate Innovative 2D Gradient for advanced PCR optimization, capable of testing different temperatures in 12 columns and 8-rows simultaneously across a gradient range of 1 - 30° C Gradient run uses Eppendorf SteadySlope ensures ramp rates are identical in both gradient and normal operation Fast temperature verification possible Adjustable verification settings – according to your audit need Adjustable user management capabilities – from flexible to strict Heating of the block through six peltier elements  
Temperature control range: from 4 °C to 99°C  
Temperature Control Mode: Fast, Intermediate, Standard and Safe  
Lid Temperature range: 37 - 110 °C  
Block Temperature Accuracy: ± 0.15°C  
Block Homogeneity: 20° C to 72° C: ≤ ±0.2° C, 95° C: ≤ ± 0.3° C  
Heating ramp rate: 10 °C/s  
Cooling ramp rate: 5 °C/s  
Lid descent and closing pressure - Flexlid technology Intuitive Graphic programming with larger display Administrator and user login with PIN or password for enhanced security

Preprogrammed template for easy selection of PCR protocols  
Time or Temperature increment with cycles in PCR program  
Adjustable ramp rate for heating & cooling from 0.1° C to meet critical amplification conditions  
Customized programming allows a maximum of 40 steps and 99 cycles  
Auto Restart facility with user defined time interval when power fails and resumes  
Log book function for error messages and new calibration E-mail Notification  
Cooling vents at bottom and rear allow placing other instruments in limited bench space  
Option to connect up to nine Mastercycler X50 variants for ultimate throughput  
Option to connect up to 50 Mastercycler X50 variants using computer-controlled network  
Interface: Ethernet, USB  
Dimensions: W: 27.5 cm, D: 43 cm, H: 33 cm Weight: 11.5 kg  
Power supply: 110-230 V, 50-60 Hz  
Power consumption: 850W



**Authorized Distributor :** Qualigens, Fisher, Acros, Himedia, Alfa Aesar, Duran, Glassco, Riviera, Sigma-Aldrich, HANNA, J-Sil, Systronic, Cole-Parmer, Thermo Scientific, Brand, Tarsons, Mettler, Citizen, MAC, Molychem, Infusil, UTS, Millipore, PolyLab, Abdos, Contech, Axiva, Sonar, S D Fine,

Regd. Office :- 168, Shopping Center, KOTA - 324007 (Raj.) | Tel. : + 91 - 744-2364644 | M : + 91 - 99833-28890 | Email : jst@tomarscientific.com



Terms and Condition for Sales.

Rates	:	Rates quoted above are Net & FOR AIIMS
Sales Tax	:	GST Extra 18% Extra. (5% Extra Against the GST Exemption Certificate Only.)
GST No.	:	08AAQPT5345K1ZX
Delivery Period	:	40-60 Days After Confirm Purchase Order.
Payment	:	100% within 30 Days.
Validity	:	90 Days.
Warranty	:	One Year from the Date of Installation

Thanks & Regards,



For Tomar Scientific Corporation.

To  
The Dean Research Cell  
All India Institute of Medical Sciences  
342005 Jodhpur, Rajasthan  
India

Hamburg, 13 August 2020

## Proprietary Certificate

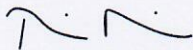
Dear Sir / Madam,

We, Eppendorf AG, Hamburg, Germany, who are a proven and reputable manufacturer of Laboratory Equipment, having factories in Germany, the United Kingdom and the United States of America, do confirm that the Eppendorf Mastercycler® X50s has following proprietary features:

- 2D-Gradient over 12 columns and 8 rows to optimize two temperature conditions simultaneously in a single PCR run
- Employs proprietary technology and delivers excellent performance (e.g. US patents US 10286397, US 8722394 - arrangement for the tempering of samples and method of tempering samples, US 8322918, US 8672538)
- The operation is by SteadySlope® technology
- Higher heating and cooling rates of 10°C/s and 5°C/s respectively with block temperature accuracy of  $\pm 0.15^\circ\text{C}$  with six peltier elements
- Ramp rate adjustment is possible separately for heating and cooling

For the avoidance of doubt, the liability under this declaration is limited to the product itself. To the best of our knowledge, there is no instrument available in the market with identical specifications. Please feel free to check also our specifications on the website or in the manual.

Yours faithfully,  
**Eppendorf AG**



Dr. Romie Augustino  
Market Manager



**eppendorf**  
Sales  
Barkhausenweg 1  
22339 Hamburg  
Germany



EIPL/AUTH./2020009

Dated: 16.01.2020

To  
The Dean Research Cell  
All India Institute of Medical Sciences, Jodhpur  
Basni Industrial Area Phase-2,  
Jodhpur, Rajasthan 342005

Subject: Authorization Letter


Dear Sir/Madam,

We hereby authorize M/s. Tomar Scientific Corporation, Bhati Bhawan, Opp: Police Line, Ratanada Road, JODHPUR – 342 001, to quote for Eppendorf Products in Indian rupees only.

This Authorization is valid till 31.12.2020

We wish to serve your esteem institute with the best of our services. If you need any further information / clarification please do contact with us.

Thanking you  
Yours faithfully,  
For Eppendorf India Private Limited

  
Vipin Singh Choudhary  
Sr. Eppendorf Territory Manager  
Vipin.c@eppendorf.co.in

Eppendorf India Private Limited  
First Floor, 24, Community Centre  
East of Kailash  
New Delhi 110 065  
Tel +91 11 41 325 074  
Fax +91 11 41 325 075  
e-mail info@eppendorf.co.in

CIN U51505TN2003PTC050655  
PAN No. AABCE1667R

## Technical Specification for Thermal Cycler

**Mastercycler x50s, Sliver Block, 96-well plate or 0.1/0.2 mL tubes**

**Model No.- 6311000.010**

**Make- Eppendorf**

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Lid descent and closing pressure- Flexlid technology intuitive Graphic programming with larger display

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