

### SPECIFICATION

#### **Thermo mixer (Dry Bath).... (quantity 1)...4 Lakhs**

- a) Temperature control range should from approx. 4° C to 70° C.
- b) Shaking Speed should between 150-1000 rpm.
- c) Incubating accuracy should +/- 0.5°C
- d) Heating up speed should approx. 5°C / min
- e) Cooling Speed should be approx. 3°C / min.
- f) Power Supply should 100 –240 V and 50 – 60 Hz.
- g) Power requirement should be 90 W.
- h) Device control and documentation according to GLP over RS 232 interface.
- i) Should have different programme sequences with mixing and rest phases.
- j) Should be IVD Certified.
- k) Flexibility through a selection of different exchangeable Thermo blocks for
  - Micro test tubes 0.5 ml
  - Micro test tubes 1.5 ml
  - Micro test tubes 2.0 ml
  - Centrifuge tubes 15 ml
  - Centrifuge tubes 50 ml

**JUSTIFICATION:** For enzymatic activity at fixed temperature.

*Amrinder Raina*

*Sangeeta Kalia*  
*Am*

**ALL INDIA INSTITUTE OF MEDICAL SCIENCE  
PROPRIETORY/SPECIFIC BRAND GOODS CERTIFICATE**

1. Item/Type Model No. Required along with specification [7890-iop[]

*Matrix Orbital Delta Plus*

2. If the item a spare part attachment - or accessory for an existing equipment

*No*

3. Name of the manufactures/supplier of the item proposed by the indenter.

*IKA India Pvt- Ltd*

4. Are they sole manufacture/sold

*- As per company brochure*

5. If there any other item with similar Equivalent specification available in The market to meet the job requirement envisaged.  
if the answer is yes, why the same can't be procured. Demanding officer should bring out comparative. Functional advantages/cost effectiveness of the recommended item from these offered by other.

*NO*

6. What were the efforts made to - Located alternative source of supply or use other substitutes.

*Internet search*

7. Why open/limited tender can't be resorted to, for locating alternative source.

*- Propriety item as per information provided by company.*

8. Are the proprietary items certifying that the rates are reasonable or not.

*- As per company certificate*

9. Any other justification for procuring item from single source.

*- NA.*

Signature of Indenter  
(Demanding Officer)

*Anupama Raina*

**डॉ. अनुपमा रैना / Dr. ANUPAMA RAINA**  
वरिष्ठ वैज्ञानिक / Senior Scientist  
आणविक विज्ञान विभाग एवं आणविक डी.एन.ए. प्रयोगशाला  
Div. of For. Path. & DNA FP Lab, J.P.N.A. Trauma  
जय प्रकाश नारायण जीव अश्विक्त केंद्र / J.P.N.A Trauma Centre  
ए.आई.एम.एस., रायचौक, नई दिल्ली-110029

(COUNTER SIGNED)

(Head of the Department)

*See*

*14/1/22*

**डॉ. संजीव लालानी / Dr. SANJEIV LALWANI**  
ज्योतिष्य / Professor  
आणविक विज्ञान विभाग एवं आणविक डी.एन.ए. प्रयोगशाला  
Div. of For. Path. & DNA FP Lab, J.P.N.A. Trauma Centre  
जय प्रकाश नारायण जीव अश्विक्त केंद्र / J.P.N.A Trauma Centre  
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I certify that the Item at Sr. No. 1 above is required to be procured single tender basis as the source of supply is definitely known the specified brand proposed was advantages in meeting our functional requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.

(Strike out whichever is not applicable)

PROPRIETARY ARTICLE CERTIFICATE (PAC)

(To be submitted by the indenter along with the indent)

Certified that to the best of our knowledge, the items indented vide indent No. 0020100522 (Matrix Orbital A+) dated 13/12/2021 are manufactured by M/s 1KA India Private Limited only. There is no other option of the Laboratory except to Purchase this item(s) as it is having unique feature which is essential for R&D Job and which is not available in any other similar equipment. I/We shall be held responsible in case the certificate is found to be incorrect.

*Anupama Raina*

Signature of Indenting Officer/ Project Leader

Designation: *Scientist*

Scientist as project Leader

Date: 13/12/2021

**डॉ. अनुपमा रैना/Dr. ANUPAMA RAINA**

**वरिष्ठ वैज्ञानिक/ Senior Scientist**

न्यायिक विज्ञान विभाग एवं आण्विक पी.एन.ए. प्रयोगशाला  
Div. of For. Path. & DNA FP Lab, J.P.N.A. Trauma  
जय प्रकाश नारायण सीध जलियाँ केंद्र/JPNA Trauma Centre  
ब.रा.जी.सं., राज नगर नई दिल्ली-29/A.I.I.M.S., Raj Nagar, New Delhi-29

## To Whom So Ever It May Concern

We IKA-Werke GmbH & CO. KG., who are reputed manufacturers for Laboratory, Analytical and Process equipment having its office at Janke & Kunkel-Str.10, D -79219 Staufen, Germany has established 100% subsidiary company IKA India Private Limited on 21st November 2008 in India.

IKA India Private Limited is located at 814/475, Survey No: 129/1, Mysore Road, Kengeri, Bangalore 560 060, Karnataka and its set-up comprises of R&D, Production, Quality, Sales, Application support, Service and other Administrative departments.

IKA India Private Limited caters to whole of India/ Srilanka / Bangladesh / Nepal / Bhutan market and all the sales & market activities will be exclusively taken care by them. With this new set-up, IKA has improved its services to its customers tremendously.

Hence we hereby authorize that all sales and service activities will be done directly from IKA India Private Limited for their business activities across the above said territories.

Thanking you,

For IKA-Werke GmbH & CO.KG

  
Erhard Eble  
Vice President IKA Group

IKA-WERKE GMBH & CO. KG  
Postfach 1263  
D-79217 Staufen  
Tel. 07633/831-0 • Fax 07633/831-98



designed  
to work perfectly

IKA®-Werke  
GmbH & Co. KG  
Janke & Kunkel-Str. 10  
79219 Staufen  
Germany

Tel. +49 7633 831-0  
Fax +49 7633 831-98  
sales@ika.de  
www.ika.com

Rechtsform:  
Kommanditgesellschaft.  
Sitz: Staufen  
Registergericht:  
Freiburg, HRA 310100

Persönlich haftende  
Gesellschafterin:  
IKA® Verwaltungs GmbH  
Sitz: Staufen  
Registergericht:  
Freiburg, HRB 310258

Geschäftsführer:  
René Stiegelmann