

Ref: INS/F-5944/2017-2018(Y)

Date : 16/12/2017

ENQUIRY

Dear Sirs, :

Please let us have your lowest Quote/Proforma Invoice indicating cost including packing ,insurance,estimated airfreight charges,handling charges,etc.CIF/CIP upto inStem Stores for the following materials.

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Cryostat(Specifications Attached)	any	1.00	No.

Remarks :The Tenders to be quoted in foreign currencies & any other currencies approved/traded by RBI - USD/Euro/JPY/GBP/SGD/CAD/INR.

Note : **inStem is a public funded research institute and is entitled to concessional rate of GST @ 5% for items supplied for research purpose. The offer should be submitted after fully considering the above notification. **

1. The bids / quotation addressed to "THE HEAD-PURCHASE" with Tender / Enquiry Ref No and Item Description should reach us before submission Date and Time. The bids / quotation are liable to be rejected , if not addressed to "THE HEAD-PURCHASE".

2. EXIM CODE -8 digit customs tariff Number -HSN (Harmonised System Nomenclature)

3. Country of origion

4. Place of Shipment

5. Name, address,telephone number and fax numbers of your bankers.

6. Your Account number and swift number with the bank(required for payment purposes if the order materialises on your firm).

7. Please Indicate frieght and insurance charges seperately.

8. Please Indicate the Warranty Period and Delivery Period.

9. Kindly expedite sending your Quote/Proforma Invoice/Invoice by courier so as to reach us latest by
04/01/2018 till 5.30 p.m.

Important Note

10. Shipping by AIRFREIGHT ONLY-CARGO MODE

11. Port of Entry for Customs clearance is -BANGALORE

12. Please use International Freights which arrive directly into Bangalore.Ex.Lufthansa Airlines Cargo,Singapore Airlines Cargo.



Institute For Stem Cell Biology and Regenerative Medicine

Autonomous Institute of the Department of Biotechnology, Government Of India



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13.NO SHIPMENT SHOULD BE MADE THROUGH COURIER COMPANIES LIKE FEDEX,TNT, UPS,DHL ETC.SHIPMENTS SENT THROUGH FEDEX,TNT,UPS,DHL,ETC.WILL NOT BE ACCEPTED BY NCBS.

14.inStem is exempted in paying customs duty(except advolerum duty of 5% + 2% cess and 4% CVD on CIF value) PLEASE NOTE THAT PAYMENT WILL BE MADE THROUGH SIGHT DRAFT THROUGH BANK(CASH AGAINST DOCUMENTS).DOCUMENTS WILL BE RELEASED FROM THE BANK IMMEDIATELY ON RECEIPT OF THE INTIMATION.BANK CHARGES INSIDE INDIA SHALL BE TO NCBS ACCOUNT AND OUTSIDE INDIA SHALL BE TO YOUR ACCOUNT.ALSO DO NOT INCLUDE CHARGES TOWARDS CUSTOMS DUTY IN YOUR PRICES SINCE NCBS WILL BEAR THIS EXPENDITURE.

Yours faithfully

For and on behalf of Insitute For Stem Cell
Biology and Regenerative Medicine

A handwritten signature in black ink, appearing to read 'Yesu R'.

GKVK, Bellary Road, Bangalore-560065,INDIA

Phone No. : 91-80-23666343/344/345/346

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SPECIFICATIONS FOR CRYOSTAT.

230 V/50 Hz with cryochamber and specimen cooling, deactivable specimen retraction, certified UVC disinfection

AgProtect nanosilver coating, disposable blade holder CE

Instrument features:

Freestanding cryostat with encapsulated, splash-proof microtome.

Spacious, stainless-steel cryochamber, with antiglare illumination.

Easy to clean and disinfect.

Heated, removable sliding window. Stable, self-contained cryocabinet

Collection container for condensing water at front of instrument.

Outer surfaces and controls of instrument coated with AgProtect nanosilver coating to reduce risk of infection.

Handwheel manually lockable in two positions.

Easy-to-handle and stable clamping system for clamping the specimen discs. 8 ° XY specimen orientation with zero point reference. Specimen retraction for manual mode of operation, (20 µm), can be switched off. Certified UVC disinfection: 30- and 180-minute cycles can be selected.

Automatic safety cut-off of disinfection cycle when sliding window is opened.

Twin compressor cooling system for cryochamber and specimen head. Cooling system with safety pressure control. Specimen temperature selectable from -10 °C to -50 °C in 1 ° steps. Cryochamber temperature selectable from 0 °C to 35 °C, +-5K, adjustable in 1K increments at ambient temperature of 20 °C.

Easy to clean, actively cooled specimen preparation zone with quick-freezing shelf for up to 15 specimens (temperature selection down to -42 °C) plus 2 Peltier element freezing stations (temperatures down to -52 °C) with manual defrost cycle.

Cryochamber defrosted via automatic hot-gas defrosting once every 24 hours, programmable in 15-minute increments. Defrost cycle: 12 minutes.

Manual defrosting of cryochamber, quick-freezing shelf with integrated Peltier elements – and specimen head with acoustic warning signal to prevent unintentional defrosting.

Manual defrost cycle for Chamber and quick- freezing shelf with Peltier elements: 12 minutes; for specimen head: 15 minutes. Low-maintenance microtome with cross roller guides. Reproducible high-quality thin sections via stepper motor specimen feed.

Section thickness selection from outside the cryochamber.

Section thickness selection: Trimming thickness range: selectable via key combination when instrument is being switched on. For clinical applications: 4 trimming thickness settings: 10, 20, 30 and 40 µm. For research applications: 1-600 µm: selectable in 1 µm steps from 1-10 µm; selectable in 2 µm steps from 10-20 µm, selectable in 5 µm steps from 20-50 µm; selectable in 10 µm steps from 50-100 µm; selectable in 50 µm steps from 100-600 µm. Sectioning thickness range: 1-100 µm, selectable in 0.5 µm steps from 1-5µm; selectable in 1 µm steps from 5-20 µm; selectable in 5 µm steps from 20-60 µm; selectable in 10 µm steps from 60-100 µm.

Total vertical specimen stroke: 59 mm Total horizontal specimen feed: 25 mm





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Motorized coarse feed in 2 speeds: 300 $\mu\text{m/s}$ or 900 $\mu\text{m/s}$. Step function: 20 μm each time the key is pressed at slow coarse feed speed.

LED-display for cryochamber and specimen head temperature, actual time, defrost time.

Visual indication of specimen stop positions (front/home).

Blade holder base with segment arc for blade holder CE for high- and low-profile disposable blades. Blade holder CE for high- and low-profile blades with lateral adjustment, clearance angle adjustment and integrated knife guard with blade ejection lever.

Manufactured in compliance with c-CSA-US and CE standards. CFC-free.

Technical data:

Mains power supply: 230 V/50 Hz (European version)

Admissions: c-CSA-US, CE

Dimensions (WxDxH): 700 (with handwheel 835) x 850 x 1215 mm 27.55 (with handwheel: 32.87) x 33.46 x 47.84 inches

Weight: 175 kg / 385.46 lbs

All specifications related to temperature are valid for a room temperature up to 20 °C and a relative air humidity of 60%.

Operating temperature range: +18 °C to 35 °C

Inclusions:

1 Basic instrument

1 Handwheel, assy. manual

5 Specimen discs, 30 mm

1 Section waste tray

1 Retaining device for quick-freezing shelf , 1 Cover for quick-freezing shelf

1 Tool set, 1 Brush, fine , 1 Leica brush with magnet ,

1 Allen key with handle, size 5 ,1 Allen key, size 2.5, 1 Allen key, size 3.0,

1 Allen key, size 4.0, 1 Allen key, size 5.0

