

Ref: INS/F-5945/2017-2018(Y)

Date : 08/01/2018

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		Rotary Microtome(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.

Please also indicate specifically the following :**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.

.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.

.Kindly expedite sending your Quote/Proforma Invoice/Invoice by courier so as to reach us latest by **18/01/2018 till 5.30 p.m.**

Important Note

10.Shipping by AIRFREIGHT ONLY-CARGO MODE

11.Port of Entry for Customs clearance is -BANGALORE

2.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.

inStem is exempted in paying customs duty(except advalorem 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


Yesu R

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Specifications for Rotary Microtome.

240 V/50-60 Hz

Fully motorized rotary microtome equipped with a smooth-running handwheel.

Designed for both motorized and manual sectioning

Sectioning of samples in five different sectioning modes: rocking, continuous, single, step and program mode.

The sectioning speed to be adjusted while motorized sectioning in progress.

Should feature a low-maintenance precision micrometer feed system with specimen feed and vertical stroke via precision cross roller bearings.

All important controls should be located on a user- friendly separate control panel with adjustable inclination angle for ergonomic operation.

Important information on the operating state of the instrument such as specimen retraction (Retract) emergency stop (E-stop), handwheel/ specimen head locking function (Lock), trimming thickness, section thickness as well as section thickness totalizer and vertical specimen stop position (top or bottom) should be indicated directly on the instrument.

For increased user safety, the instrument should be equipped with two independent handwheel locking systems.

The instrument should be equipped with an individually adjustable specimen retraction system, which can be switched on and off by the user.

In manual sectioning mode, specimen retraction values must be programmable. In motorized sectioning mode, specimen retraction must be self-adjusting.

Retraction status (ON/OFF) indication via LED.

Motorized horizontal specimen head movement with two speed settings (300 $\mu\text{m/s}$ or 800 $\mu\text{m/s}$).

Coarse feed speed and direction must be activated at any time by simply pressing a button.

During sectioning, visual/acoustic signals must indicate the front and rear travel limits.

Optical and acoustical remaining feed indicator for the horizontal specimen feed.

Section thickness settings for trimming and sectioning can be selected and saved independently of each other.

The microtome base plate features an integrated ruler, to ensure that specific knife holder base positions can easily be found again.

Sectioning debris is collected in a magnetised section waste tray. Technical specifications:
Technical specifications

Trimming thickness range and increments: 1-600 μm 1-10 μm in 1- μm increments 10-20 μm in 2- μm increments 20-50 μm in 5- μm increments 50-100 μm in 10- μm increments 100-600 μm in 50- μm increments

Section thickness range: 0.25 - 100 μm Section thickness increments: 0.25 μm 0.5-5.0 μm in 0.5- μm increments 5-20 μm in 1- μm increments 20-60 μm in 5- μm increments 60-100 μm in 10- μm increments

Sectioning range individually adjustable depending on specimen size (sectioning window)

Sectioning speed: 0 to 420 mm/s continuously adjustable

Horizontal feed range: 24 \pm 1 mm/0.94 inches

Vertical stroke length: approx. 70 mm/2.76 inches





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Coarse feed speed settings (in both directions): 300 $\mu\text{m/s}$ and 800 $\mu\text{m/s}$
Horizontal feed range: 24 \pm 1 mm/0.94 inches
Vertical stroke length: approx. 70 mm/2.76 inches
Coarse feed speed settings (in both directions): 300 $\mu\text{m/s}$ and 800 $\mu\text{m/s}$
Step function via coarse feed buttons
2 individual program modes (number of section and thickness) for trimming and sectioning mode
Specimen retraction varies in motorised sectioning mode depending on sectioning motor speed, self-adjusting
Specimen retraction in manual mode from 5 to 100 μm selectable in 5- μm steps
Retraction in both motorised and manual operation can be switched on/off at any time
Section and section thickness totalizer indicated on 4-digit LED display
Programmable vertical specimen stop position (top or bottom)
Adapter for microscope or magnifier carrier
Magnet on instrument back panel holds tools when needed
Emergency stop function
Socket for connection of backlighting device (optional)
Socket for connection of footswitch with protection device (optional)
Dimensions: Width: 300 mm / 11.81 inches (excl. handwheel)
413 mm / 16.26 inches (incl. handwheel)
Depth: 618 mm / 24.33 inches (incl. section waste tray)
Height: 305 mm / 12.01 inches
Weight: approx. 37 kg / 81.50 lbs
CE
Voltage: adjustable via voltage selector
Operating temperature range: + 10°C up to +35°C
Relative air humidity: max. 80 %, non-condensing
Inclusions:
Basic instrument without specimen orientation
1 Handwheel, assy.
1 Separate control panel RM2265
1 Section waste tray RM2265
1 Dummy for foot switch socket
1 Tool set :
1 Allen key with handle, size 5.0, 1 Screwdriver, Allen key, size 3.0, 1 Allen key with handle, size 4.0, 1 Bottle of oil for drives, 50 ml, 2 Fine-wire fuses, 1 brush with magnet, 1 Dust cover , 1 IFU-Bundle , Knife holder base, without lateral displacement, silver-colored For knife holder
3 year warranty
Microtome Blade System for hard Material sectioning, tungsten carbide disposable blades to meet the stringent requirements of sectioning hard and abrasive materials. Sections down to approx. 1 μm . The blades must be recyclable. length: 65 mm thickness: 1 mm height: 11 mm
Quick-clamping system for specimen holders, for use with precision-orienting





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Standard specimen clamp 50 x 55 mm with adapter, universal cassette clamp, holder for round specimens and EM specimen holder

Fixture for specimen clamp, precision-orienting with 2 zero point indicators

Quick-clamping system for specimen holders, for use with precision-orienting specimen holder clamping system with zero point indicators or with orienting specimen holder clamping

Special wrench for EM specimen holder, Power cord Power cable

3 YEAR WARRANTY.

