

All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29.
(RESEARCH SECTION)

Ref. No.06/Stores/Physio/2016-17/RS

Dated: 02.08.2016

Subject: Purchase of Equipment Human NIBP controller Unit (model no. ML-283) with Consumables, for the Department of Physiology, AIIMS, New Delhi-29 on proprietary basis-
Inviting comments thereon.

The request has been received from Dr. K.K. Deepak, Deptt. of Physiology., AIIMS to purchase the subject item from M/s ADInstruments South Asia (India) Pvt. Ltd. (mfg. by M/s ADInstruments Pty. Ltd., Australia) on proprietary basis. The proposal submitted by M/s ADInstruments Pty. Ltd., Australia, and PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **No. 06/Stores/Physio/2016-17/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **17/08/2015 upto 12:00 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

STORES OFFICER (RS)

Encl: Related documents enclosed.

1. PAC Certificate enclosed.
2. Specification of equipment.



ADInstruments South Asia (India) Private Limited

901, 9th Floor,
Kanchenjunga Building,
Barakhamba Road,
Delhi - 110001
India

Quotation Date: 02/06/2016

Quotation Number: ADI/AIIMS-D/Q100056529

Your Requirement for Human NIBP Controller and accessories for existing PowerLab LabChart system

Tel: +91 (11) 41561202

Fax: +91 (11) 41561238

This quotation has been prepared for: **Head of the Department**
Department of Physiology
All India Institute of Medical Sciences
Delhi-110029
India

info.in@adinstruments.com

www.adinstruments.com

CIN NO. U74999DL2013PTC255503

S.No	Product Description	QTY.	Unit Price	Prices in USD
A. 1	Model No ML283 Human NIBP Controller Unit An ADI/FMS Human NIBP Controller Set up that provides non-invasive beat-to-beat cardiovascular monitoring in adult humans. It includes a Human NIBP Controller and one USB Interface Cable. The Human NIBP Controller supports finger cuff switching between two Finger Cuffs, permitting lengthy recording durations with minimal discomfort to the subject. <i>Note :- Requires a BNC connector and cable (supplied) for using with PowerLab data acquisition, LabChart system</i>	01	\$23,000.00	\$23,000.00
Ex. Works ADInstruments/Total FOB prices				\$23,000.00
Handling ,Freight and Insurance				\$200.00
CIP Delhi				\$23,200.00

B	Consumables			
1	MLA0504 Human NIBP Wrist Unit The wrist Unit allows the connection of up to two finger cuffs (purchased separately) to the Human NIBP Controller, which provides non-invasive beat-to-beat cardiovascular monitoring in humans. The cable for attachment to the Human NIBP Controller is 2.75 m.	01	\$9,875.00	\$9,875.00
2	MLT0902 Human NIBP Height Correction unit. The Height Correction Unit consists of a liquid filled tube connected at one end to a pressure transducer. During a measurement the HCU transducer is placed at the measured finger and the compliant ending at reference level. Thus, any height changes of the measured finger are continuously sensed.	01	\$1075.00	\$1075.00
3	MLE1057 The white Finger Cuff (Small) is designed for use with the Human NIBP set up medium (beige) and large (blue).	02	\$875.00	\$1750.00
4	MLE1058 The beige Finger Cuff (Medium)) is designed for use with the Human NIBP set up	03	\$875.00	\$2625.00
6	The MLT1132 Respiratory Belt Transducer based on a piezo electric device which requires no excitation or front-ends.	03	\$350.00	\$1050.00
7	The MLT1100/D Sphygmomanometer is coupled to a pressure transducer converting the applied pressure to an electronic signal.	01	\$250.00	\$250.00
Ex. Works ADInstruments				\$16,600.00
Handling ,Freight and Insurance				\$200.00
CIP Delhi				\$16,800.00

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5

Specification for Continuous Beat to beat Human NIBP controller and Consumables

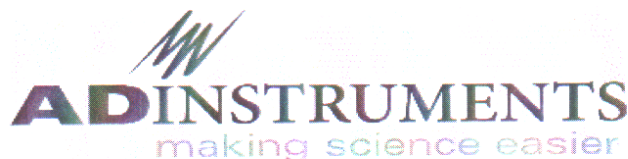
(To be purchased on proprietary basis)

The ML283 Human NIBP Controller allows continuous beat-to-beat blood pressure non-invasively from the human subject.

The Human NIBP Controller should have:-

1. To be used with existing Power Lab Data Acquisition system & Lab Chart software.
2. The unit should support finger cuff switching between two Finger Cuffs, permitting lengthy recording durations with minimal discomfort to the subject.
3. Cuff pressure: Max. 300 mmHg
4. Height sensing: Range ± 128 mmHg
5. Blood pressure accuracy: 1% of full scale (max. 3 mmHg); Zeroing automatic
6. Finger cuff pump system: Pressure regulated at 380 mmHg; Max. pressure: 420 mmHg
7. Analog output connector: BNC-type
8. Update frequency: 200 Hz
9. Time delay: < 5 ms
10. Scaling: 100 mmHg/V
11. Internal impedance: $< 1 \Omega$
12. Heart rate: (Rate (bpm) /60%), i.e., at 60 bpm, accuracy is $\pm 1\%$
13. Inter beat interval: 5ms (peak, non-accumulating)
14. Consumable like
 - MLA0504 Human NIBP Wrist Unit Wrist Unit (Qty1)
 - MLT0902 Human NIBP Height Correction unit. (Qty1)
 - MLE1057 Finger Cuff (Small) (Qty 2)
 - MLE1058 Finger Cuff (Medium) (Qty3)
 - MLT1132 Piezo Respiratory Belt (Qty 3)
 - MLT1100/D Sphygmomanometer (DIN) (Qty1)
15. Warranty 1 year.

6



June 2nd, 2016

PROPRIETARY CERTIFICATE

To whom it may concern

This letter is to certify that ADInstruments Pty Ltd of Unit 13, 22 Lexington Drive Bella Vista NSW 2153 Australia is the manufacturer of the **PowerLab®** Data Acquisition System. No other company manufactures the **PowerLab®** system & **LabChart®** Software.

ADInstruments South Asia India Pvt Ltd and their channel partners are sole and exclusive supplier **PowerLab®** **LabChart** based beat to beat **Human NIBP Controller** developed on Finapres 1000 Main Unit (FMS) for ADInstruments as OEM partner in India.

Model no. ML283, MLA0504, MLT0902, MLE1057, MLE1058 MLT1132, MLT1100/D.

Note:- Log on to <http://www.adinstruments.com> for regular updated information.

PowerLab® systems are manufactured under a quality system certified as complying with ISO 9001:2000 quality management systems & conform to International Safety standards. The CE mark is for EU directives along with CLASS 8750 81 Medical Electrical Certificate (Certified to US Standards). In accordance with European standards the systems comply with electromagnetic compatibility requirement under EN60601-1, which encompasses the EMC directive.

This certification along with many features of **PowerLab®** systems, such as date and time stamping, automatic storage of experimental settings, and retention of raw data, will assist the laboratory in meeting its "**Good Laboratory Practice**" requirements. The GLP software feature components facilitate the compliance with GLP and 21 CFR Part 11.

For & On Behalf of ADInstruments Pty Ltd

Authorized signatory



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शरीररक्षित विभाग / Dept. of Physiology
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