



भारत सरकार/Government of India

स्वास्थ्य और परिवार कल्याण मंत्रालय/ Ministry of Health and Family Welfare

प्रधानमंत्री स्वास्थ्य सुरक्षा योजना/PMSY

अखिल भारतीय आयुर्विज्ञान संस्थान/All India Institute of Medical Sciences

www.aiimsmangalagiri.edu.in

मंगलगिरि, आंध्र प्रदेश/Mangalagiri, Andhra Pradesh

Ref: AIIMS/MG/MICRO/Non DPR/Automated Dissolution and Media Preparation System/2023-24/06

Date: 21-10-2024

Call for Objection

Subject: Inviting comments/objection, if any before declaring proprietary article for procurement of “**Automated Dissolution and Media Preparation System**” for the Department of Clinical Microbiology AIIMS Mangalagiri.

Clinical Microbiology Department, AIIMS Mangalagiri has to procure “**Automated Dissolution and Media Preparation System**” through Proprietary Article basis.

The proposal submitted by M/s. Genetix Bioteck Asia (P) Ltd. New Delhi is the Exclusive Distributor of the sole manufacturer M/s. Integra Biosciences AG of this item along with Proprietary Article Certificate are attached & uploaded on Institute website.

The above documents are being uploaded for open information to submit objections, comments if any from any manufacturer/supplier before declaring proprietary article of the said equipment/items to be procured, within 10 days (i.e. 31/10/2024) from the date of issuance/uploading of the notification.

The objection should be raised in the technical compliance sheet as enclosed in Annexure -I, if any Firm claiming suitability of their product with respect to specification mentioned.

The comments should be sent to the office of Procurement Cell, Room no: 2151, Logistic block at AIIMS Mangalagiri in a sealed envelope with above reference on or before 31/10/2024 up to 05:00 PM from the date of uploading on institutional website, failing which it will be presumed that any other manufacture/vendor is having no comment to offer and case will be decided on merits.


21/10/2024
AAO (Procurement)
AIIMS Mangalagiri

PAC CERTIFICATE

P-3 Form

(To be attached with P-2 form for Proprietary items)

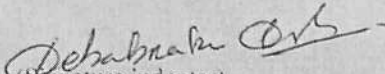
AHMS, Mangalagiri

PROPRIETARY ARTICLE CERTIFICATE

It is certified that the item Automated Dissolution and Media Preparation System required should be purchased from INTEGRA Biosciences AG.

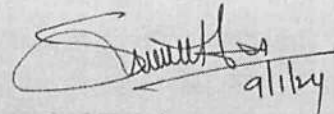
To the best of my knowledge Genetix Biotech Asia (P) Ltd. is the exclusive authorised distributors & service providers of the sole manufacturer for Automated Dissolution and Media Preparation System.

Similar items manufactured by other firm(s) shall not be suitable for our purpose as it is a closed system specification equipment.


(Signature indenter)

Date: 9/01/2024

Designation: **Debabrata Dash,**
MBBS, MD (Microbiology), DNB, MNAMS
Department Assistant Professor
Department of Microbiology
All India Institute of Medical Sciences
Mangalagiri, Andhra Pradesh


9/1/24

Dr. SUMIT RAI
MD (Gold Medalist), PDCC (Infectious Diseases)
Professor & Head
Department of Clinical Microbiology
All India Institute of Medical Sciences
Mangalagiri, Andhra Pradesh.

Signature of Head of Department /Section

N.B.: The indenter before recording the above certificate should satisfy himself that the article is genuinely of proprietary nature manufactured under patent laws.



INTEGRA

INTEGRA Biosciences AG
7205 Zizers, Switzerland
www.integra-biosciences.com

Zizers, January 22nd, 2018

Proprietary Certificate – MEDIAJET

To whom it may concern.

This is to certify that Mediajets with catalog no.

103005, 103006, 113000, 113001, 113002

are proprietary items manufactured by **INTEGRA Biosciences AG**, 7205 Zizers, Switzerland and is not manufactured by any other company by any other name with its technical specification.

Kind regards

INTEGRA Biosciences AG

Hans Rudolf Merz
Area Sales Manager

Dr. SUMITRAI
MD (Gold Medalist), PDCC (Infectious Diseases)
Professor & Head
Department of Clinical Microbiology
All India Institute of Medical Sciences
Mangalagiri, Andhra Pradesh.

Dr. Debabrata Dash,
MBBS, MD (Microbiology), DNB, MNAMS
Assistant Professor
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INTEGRA Biosciences AG
CH-7205 Zizers, Switzerland
www.integra-biosciences.com

INTEGRA

Zizers, January 22nd, 2018

Proprietary Certificate – MEDIACLAVE

To whom it may concern.

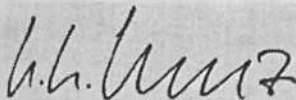
This is to certify that **Mediaclaves** with catalog no.

136000, 136005, 136010, 136015, 136020, 136025, 136050, 136055

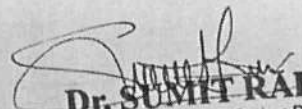
are proprietary items manufactured by **INTEGRA Biosciences AG**, 7205 Zizers, Switzerland and is not manufactured by any other company by any other name with its technical specification.

Kind regards

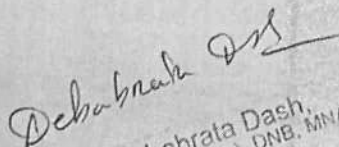
INTEGRA Biosciences AG



Hans Rudolf Merz
Area Sales Manager



Dr. SUMIT RAI
MD (Gold Medalist), PDCC (Infectious Diseases)
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Department of Clinical Microbiology
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Dr. Debabrata Dash,
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INTEGRA Biosciences AG
CH-7205 Zizers, Switzerland
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INTEGRA

Zizers, Oktober 12th, 2022

To whom it might concern

This is to confirm that Genetix Biotech Asia (P) Ltd. located at 71/1, First Floor, Shivaji Marg, Najafgarh Road, New Delhi – 110015, India is our exclusive distributor for INTEGRA Biosciences AG in India, Sri Lanka, Bangladesh, Nepal and Bhutan for the below listed products.

EVOLVE, Viaflo, Viafill, Welljet, Mini, Vacusafe, Vacusip, Pipetboy, Dose It, Fireboy, Flameboy, Mediaclave, Mediajet

Genetix Biotech is authorized to sell and service all our products directly to customers, including governmental organizations, and also authorized to select and re-authorize sub-distributors as necessary in the territory.

This letter is valid as of the date hereof until 31st December 2024.

Sincerely yours,
INTEGRA Biosciences AG



Fabio Duenser
Area Sales Manager

INTEGRA Biosciences AG
CH-7205 Zizers, Switzerland
www.integra-biosciences.com

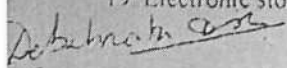


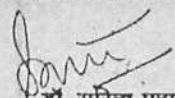
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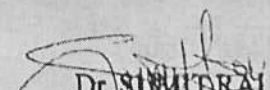
Automated Media Preparator and Dispensing System
Component 1 of 2: Automated Media Preparation System, 10L

Technical Specification:

1. Fast, reproducible and safe media preparation & sterilization of 1 to 10 L media in a single run with low dead volume (<15 ml).
2. CE Certified and must be compliant to the UL 61010-1 and IEC 61010-1 international safety standards
3. High operational safety:
 - a. Automatic tightness check, several independent micro-processor based monitoring systems for pressure and temperature.
 - b. The vessel lid is equipped with an autonomous overpressure safety valve and a burst disc with a self-test every 50 cycles, which locks the system if not conducted, thus ensures that the preparator runs with a regularly tested safety valve.
4. Automatic temperature (using Pt-1000 temperature probe) and pressure controlled deaeration to ensuring saturated steam inside the sterilisation chamber.
5. Ease of maintenance with inbuilt cleaning program and equipment design.
 - a. The absence of any heating element within the sterilization vessel makes the cleaning of the vessel easy.
 - b. The integrated self-cleaning procedure automatically sterilizes the vessel, valves and the tubing inside the chamber. Hot, sterile coupling water is drained at the process end, dissolving and removing unwanted agar residues in the system effectively.
6. Integrated strong, Uni or bidirectional-magnetic stirrer to guarantee homogenous mixing and prevent coagulation with Stirrer speed (selectable): 50-200rpm.
7. Compatible with automated media dispensing systems for walk-away filling of petri dishes, test tubes and media bottles.
8. Automatic in-process sterilisation of the dispense port to exclude contaminations during dispensing to guarantee complete sterilisation.
9. Media preparator is complete with cuvette, lid, seal, magnetic stirrer, decanting tube, fitting for dispensing tubing, integrated printer and printer splash guard.
10. Built in operation modes like standard media, complex media involving two-step program, eg chocolate agar, etc.
11. Optional Water bath mode for pre-swelling culture media prior to sterilization.
12. Flow heater system for fast and gentle media preparation.
13. Precise controlling and monitoring of time and pressure during the sterilization process.
14. Temperature range: Sterilization 30 to 122 degC, Dispensing 20 to 80 degC, Water Bath 30 to 80 degC, with Max temp deviation: +1.0/-0.2 degC.
15. Rapid cooling to be enabled by efficient plate heat exchanger to eliminate contamination caused by cooling water, using de coupled cooling water system.
16. Automatic indication of service intervals to minimise unscheduled downtime.
17. Graphical user interface and simple programming.
18. Storage: Up to 50 programs with user-defined parameter settings such as sterilization temperature, sterilization time or dispensing temperature can be saved and recalled.
19. Electronic storage of all process data to a USB flash drive.


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डॉ. सारिता महापात्र
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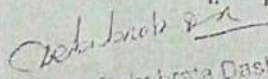
- 20 Integrated web server for direct connectivity via Ethernet to allow remote monitoring of the sterilization process and instrument parameters.
- 21 Electronically signed logfiles compliant to FDA (21 CFR Part 1) and EU (GMP Annex 11).
- 22 Optionally available printer with printouts insusceptible to fading.

Component 2 of 2: Automated Media Dispensing System

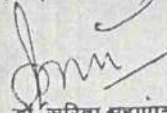
Technical Specification:


- 1 Automated system for versatile, sterile dispensing of culture media to 90 mm and / or 100mm standard petri dishes with the option to fill other variable size petri-plates (60 & 35mm) with additional accessories
- 2 Standard petri dish filling capacity of 900 Petri dishes/hour (up to 15 ml) with optional turbo mode capability for fast petri dish filling (1,100 Petri dishes/hour, (up to 24 ml).
- 3 Integration with programmable peristaltic pump for continuously mix additives in the concentration of 3-10% into the medium. E.g. Blood agar preparation.
- 4 Controlled & active dish guidance with lid detection for reliable walk-away operation
- 5 Sensor-guided plate alignment (standard & bi-plate)
- 6 Optionally available inkjet printer connection kits to allow the connection to different brands of inkjet printers like MARKEM-IMAJE, LINX, Domino, etc.
- 7 Equipped with a UV lamp extending over the full length of the rotor where the dishes are opened during the dispensing process. The lamp emits powerful 2.1 W UV-C radiation for optimal bactericidal efficiency.
- 8 360 or 540 petri-plate stacking options.
- 9 Dosing range per dish 1-99.9ml Dosing reproducibility circa 1% (at 15ml). Maximal dosing rate 500ml/min Filling delay 0-9.9sec
- 10 Easy adjustment of dish height at user level
- 11 Gripper mechanism and mechanical piston for feeding in Petri dishes
- 12 Software based shaker function for built-in Agar Spread Function for homogenous distribution and even surface of the agar.
- 13 19 individual Petri dish filling programs with user-defined parameter settings such as dish height, dispensing volume, or number of dishes
- 14 Independent pump function for manual filling of media bottles.
- 15 Optional automated filling of various diameters and length test tubes.
- 16 Connectable to automated media preparator and transfer of data to media preparator's integrated printer for quality control. Electronically signed process log files allowing electronic storage of log files according to FDA (21 CFR Part 11) and EU (GMP Annex 11) protocols
- 17 Intuitive full size graphical interface
- 18 Automatic indication of next due service
- 19 Small Footprint Basic unit (H x W x D) 330 x 655 x 634 mm
- 20 Emergency stop switch
21. Should provide Thermal label printer with wi-fi/USB/Ethernet connectivity which can print a label of 2 inch X 1 inch and above.
22. Should provide silicone tubing set with filling nozzle for the media dispense.
23. One Set of Tubing set for the preparation of blood agar peristaltic pump Comprising:

i. Tubing


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- ii. Filling nozzle
 - iii. Borosilicate glass T-piece
 - iv. Suction needle stainless steel.
24. One additional set each of
- i. Communication interface cable
 - ii. Peristaltic pump with Interface
 - iii. Glass T-piece
 - iv. Suction needle stainless steel.
 - v. Tubing set for 90 mm Petri dishes, including silicone tubing and filling nozzle.
 - vi. Stainless steel cuvette for medium sterilisation

Dehebrata

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Sarita



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ए.आई.एम.एस. नई दिल्ली / A.I.I.M.S., New Delhi-110027

Sumit Rai

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All India Institute of Medical Sciences
Mangalagiri (Andhra Pradesh)

SPECIFICATIONS

Objection should be submitted in following format:

S. no	Item specification as given	Specification offered by firm	Deviation if any	Remarks