



# TISSUE PROCESSORS



GENTLE **SPECIMEN** PROCESSING,  
AUTOMATIC AGITATION,  
PRECISION  
GEAR MECHANISM,  
**ROBUST ENGINEERING**  
DESIGN ALLOWS **UTMOST CONVENIENCE**  
IN **OPERATION**



CONSISTENCY REDEFINED



# Consistency Redefined

## Introduction ■

**MEDIMEAS INSTRUMENTS** with over 35 years experience in the histology lab equipment manufacturing business, is committed to produce only the finest products to our customers.

We manufacture quality products that excel in performance, features, reliability, conformance, durability, serviceability and aesthetics. As customer satisfaction is our primary objective, and quality is the prerequisite for that, it is our mandate to deliver what our customers demand and maintain our competitiveness.

# 50

YEARS  
**MEDIMEAS**  
Consistency Redefined

## Mission Statement ■

**MEDIMEAS INSTRUMENTS** is committed to develop, manufacture and sell only the finest equipments. At **MEDIMEAS** our goal to provide first class service to the healthcare industry in both domestic and international markets.

## ■ Quality Policy

**MEDIMEAS INSTRUMENTS** is ISO 9001:2008 and ISO 13485:2003 Certified Organization and its products are **CE** certified. Quality and continuous improvement are part of our culture, it is embedded in our processes, our recruitment and our training. We take responsibility for the projects we execute, for maintaining the operation of the products we deliver, and for the

traceability required by the authorities.

The responsibility for quality at **MEDIMEAS INSTRUMENTS** belongs to everyone. All employees have the authority to stop production to correct or prevent a potential product or process problem. Personnel from Quality, Engineering and Customer Service are designated as Customer Representatives on the organizational charts. **MEDIMEAS INSTRUMENTS** is committed to a total quality operation and will operate within the guidelines of its manual.

## ISO Certified Organisation



## CE Approved Product Range





# VACUUM TISSUE PROCESSORS

**MTP-VT MEDIMEAS Vaccum Tissue Processor** Incorporates **Advanced Technology** Combined with **Top Quality Components** which **brings Superior Specimen Processing** to your **Laboratory**



## Vaccum Tissue Processor at a Glance

- Floor standing tissue processor processing upto 300 cassettes
- User can select cycle with vacuum
- Metal tissue basket specially design to avoid sticking of basket
- distinct fill levels with sensor in processing chamber to shorten processing time
- Fully automatic and programmable reagent management system
- Comprehensive monitoring & full process control
- Inbuilt password protected area
- Ability to interface with LIS system
- Reagent storage cabinet is built to enhance safety standard and is vented through two additional filters for further fume control
- Systematic logging and reporting of quality control data, event records and program inform in the quoted model
- Specimen safety and protection is accomplished by in built battery back up of 40 minutes in hour
- Auto cleaning cycle, efficient paraffin wax cleaning system to extract solvent contaminants to increase wax life.
- Colour touch screen LCD display of cycles, reagents levels, date & time user friendly softwares
- Continuous agitation circulates reagents freely around specimens
- Alarm system, password protected, instrument supervisor mode
- Optional barcode reader
- Micro-processor based auto memorization and recovery.

## Technical Specifications

PROCESSING RETORT	
Maximum Capacity	300/400 cassettes
Retort Material	Stainless Steel
Processing Retort Volume	5 litres
Temperature(Parafin)	40 to 70°C
Temperature (Cleansing Reagent)	40-67°C
Temperature(Reagent)	35°C to 60°C
Temperature Accuracy	±10°C
Vacuum	-70kPa
Pressure	+35kPa
Time Selectable Range of each str.	0 to 99 hrs, 59 mins
PARAFFIN BATHS	
No. of Baths	3
Volume	4 litres each
Average Melting Time	3hrs approx
REAGENT BOTTLES	
No. of Bottles	10
Bottle Volume	5 litres each
CLEANING BOTTLES	
No. of Bottles	3
Bottle Volume	4 litres each
GENERAL	
Delay Time	Upto 7 days
Voltage	220V @ 50-60Hz
Overall Dimensions	620x680x1280mm

- Automatic in- process reagent rotation no manual handling of reagents
- Low reagent alarm system. Remote alarm to signal possible problems and reagent change.
- Warning alarm for trouble free operation
- Remote fill & drain system
- Compatible with standard reagent system
- Disposable wax tray system makes wax replacement clean and simple
- Automatic/Manual functioning mode.
- Protection from overheating and excessive vacuum and pressure
- Vacuum & fume control system, running rapid biopsy protocol
- Possibility of interrupting an automatic process for reloading or removing cassettes for application before the end of a run
- Retort filling time selectable
- Filling time user selectable from 4 to 7 mins
- Inbuilt reagent level sensor to deduct reagent level during processing
- Suitable tissue flotation water bath will be provided
- Machine pre-test after starting the program to confirm that all lines and valves are un-blocked working fine
- Processing retort volume tissue penetration and processing
- Machine have inability cleaning cycle after ending program to clean the wax from retort and pipes to increase reagent

**A cost efficient and user friendly alternative for fast biopsies processing and overnight batch tissue processing needs of every histology laboratory**



Other Products from **MEDIMEAS**



Semi AUTOMATIC CRYOSTAT



Semi-AUTOMATIC MICROTOME



AUTOMATIC SLIDE STAINING MACHINE



TISSUE EMBEDDING & COOLING SYSTEM

# MEDIMEAS INSTRUMENTS

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