Microbiological Media Plates Automated Tracking System (MPATS)

Automated System for Tracking and Management of Media plates developed with state-of-art technologies

Key Features

- Manage end-to-end lifecycle of media plates
- Complete automation of EM workflow ensures SOP Compliance
- Analytics dashboard with reports and trend charts for visual analysis
- Supports testing of Utilities like water, compressed air, and Nitrogen apart from EM plates.
- Enables CAPA process to take informed decisions
- Media Plates reconciliation at all stages
- 21 CFR Part 11 Compliant system

Technology & Support

- Web and Mobile application supporting both Android and iOS
- Containerized application with option for on-premise as well as cloud deployment
- Supports Integration with systems like ERP, LIMS, Automatic Colony counters
- Configurable workflow as per requirement
- Very responsive and dependable customer support to work with you as a partner
- System is redundant and data is available 24/7

Make in India, Made for the world with quality and reliability
Result of 60+ years of cumulative experience in Pharma industry & Automation

Functionality

- Plate Inventory Management
- Batch Validation(PCT & GPT)
- Monitoring Schedule/Frequency
- Supports Active & Passive Air sampling, Surface Monitoring & Swab Test, Personnel Monitoring
- Inhouse media preparation Raw material Testing
- Tracks Incubation, Lab test till plate destruction

Benefits

- Eliminates manual error
- Plate Tracking easy
- Automated Data capture eliminates Manual errors
- Offline Data recording
- Realtime plate status check
- Plates reconciliation easy
- Captures Exception & discrepancies
- Media Plates Analytics and reports

Features	MPATS Lite	MPATS Std	MPATS Ultra
Batch Validations (PCT, GPT)	✓	✓	✓
Active Air Sampling	✓	✓	✓
Passive Air Sampling	✓	✓	✓
Surface Monitoring	✓	✓	✓
Personnel Monitoring (Finger Dabbing)	✓	✓	✓
Swab testing	✗	✓	✓
Utility testing (Water, Compressed Air, Nitrogen)	✗	✓	✓
Product testing (BET, Bioburden)	✗	✓	✓
Reconciliation (Plates, Activity, Batch, Lot/Tray)	✓	✓	✓
Work Schedules (Task allocation and tracking)	✗	✓	✓
Configuration (User Roles/Permissions, Sites, Activities, Policies)	✓	✓	✓
Adv Configuration (Customizable Workflows, Floor Plans/ Maps, Hierarchical views)	✗	✗	✓
Reports & Dashboard (Trends, Summary, Excursions, Incidents)	✓	✓	✓
Adv Reports (Customization reports, Schedule Violations, Recovery Rates)	✗	✗	✓
Notifications (On Alerts, Violations)	✗	✓	✓
System / Device Integrations (LIMS, ERP, EBMR, Particle Counters)	✗	✗	✓
21 CFR Compliance	✓	✓	✓