

SUSTAINABLE SCIENCE

A Greener Lab with QPix®

Transforming Lab Sustainability

Harnessing QPix technology for an environmentally friendly laboratory

In today's laboratories, finding the right balance between efficiency and environmental responsibility is crucial. The QPix Microbial Colony Picker offers a game-changing solution that boosts productivity while promoting sustainability. With advanced technology and eco-friendly methods, QPix helps reduce waste, lower energy consumption, and cut operational costs. This innovative tool sets a new standard for green lab practices, allowing labs to operate efficiently without compromising their commitment to the environment.



Discover how QPix ensures sterility and efficiency through its innovative reusable pin process.



Colony selection QPix scans plates to select microbial colonies.



Initial colony picking Picked colonies are transferred to 96-well plates.



Pin washing Pins washed in 70% ethanol baths.



Halogen drying Pins dried with halogen light for sterilization.



Validation of sterilization Sanitized pins tested for bacterial growth absence.







Benefits of going GREEN

1. Reduced Environmental Impact

2. Cost Savings

3. Enhanced Reputation

4. Regulatory Compliance

Stay ahead of regulations,

avoiding fines and legal issues.

Lower carbon footprint and waste

production, benefiting the planet.

Long-term savings from reduced

energy use and material reuse.

Attract environmentally conscious

clients, partners, and employees.





Re-picking Sterilized pins reused for efficient colony picking.

Impact of QPix in Colony Picking



Enhanced Sterility

Ensures contamination-free colony picking with rigorous sterilization protocols.



Cost Savings

Reusable pins significantly cut down on consumable costs.



Increased Efficiency

Automates the picking process, reducing manual labor and errors.



Environmental Sustainability

Reduces waste and energy consumption, promoting eco-friendly lab practices.



384 clones/working day



Disposable tips 96 tips/box → 80 boxes/month *assuming to pick





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