

AUTOMATIC FLYFOOD MAKER & DISPENSER SYSTEM



The “Automatic Flyfood Maker & Dispenser System” is a unique proprietary & innovative product designed & developed by NAPRO - consultants, engineers & specialty equipment manufacturers, specialized in Biotechnology & Industrial Fermentation.

The product is exclusively developed for fly labs, to overcome challenges encountered during daily preparation of vast number of flyfood vials & bottles.

Salient features of our product are as follows :-

1. Available in 2 models – standard (15 litres capacity) & large (30 litres capacity)
2. In-built boiler available for steam generation
3. In-house steam can be used, if available
4. 3 dispensing modes available
5. PLC-based control with or without SCADA
6. Full stainless steel construction
7. Magnetic agitator is provided, which is ideally suited for aseptic processes
8. cGMP-compliant version available
9. Easy to operate & maintain
10. Compact; minimum floor space required

Comparison of the automatic flyfood maker vis-à-vis traditional method of flyfood preparation :

Traditional method	Automatic flyfood maker
Wide variations in product quality & quantity resulting in inconsistent results – an obstacle to research work	Excellent product quality in terms of sterility, consistency, uniformity & homogeneity. Negligible batch to batch variation
Extensive manual labour required for various operations such as autoclaving, cooling, blending & dispensing	Automated process operations, hence manual work greatly reduced
Large staff needs to be deployed in the lab	Lower manpower requirements in the lab
Product quality/quantity affected by technician	Consistent product quality/quantity irrespective of technician
Lower throughput capacity in terms of litres per day & number of vials/bottles per hour	Higher throughput capacity
Non-conformance to GMP	Conformance to GMP
Less energy efficient	More energy efficient

Manufactured in India by :-

NAVIN PROCESS SYSTEMS

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