

ATØM AUTOMATION SYSTEM



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Characteristics

Universal automation system for all packages
Tape & Reel, Pick & Place
User defined adaptable processes
100 % Modularity, open architecture for any further extensions
Easy use and maintenance
Ergonomically well-designed front lid
Integrated monitor for controlling machine and single modules
Touchscreen monitor: height-adjustable, rotatable
Optional: keyboard, keyboard holder
Supply reel for Tape & Reel process on the back side
Inspection camera adjustable in X and Y direction, independent from axis system
Up to 4 Z actuators possible

Key Features

Simple conversion with minimized adjustments
Loading and unloading without need to stop system
Long y stroke: moving to single positions in a tray
Applicable as single system or part of a complete line
Integration in local network / management systems
Remote maintenance even for all modules
All modules equipped with same connectors
Suitable for pick-and-place mode
(e.g. workpiece pallet loader, bridge etc.)

Input

Metal single trays and magazines
Tubes, Frame (4" and 6" Versions)
Customer specific carrier systems
Bulk (bowl or linear feeder with direction correction)
Integration in existing equipment
SMEMA interface

Throughput

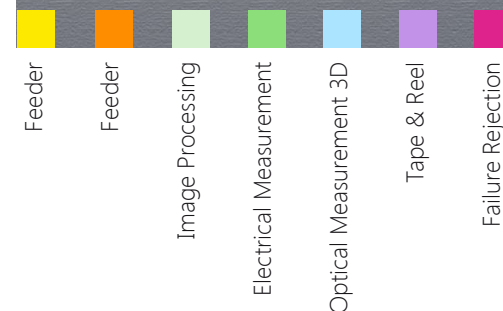
Minimum Index Time 250 ms, Typical Index Time 500 ms
Automatic input and intape inspection including fail binning
Automatic input, electrical tests and optical inspection including fail binning

Packages

QFN, QFP, TQFP, SOIC, PLCC, BGA,
and customer specific packages

Technical Data

Dimensions W/H/D [ca. mm]: 2113 x 1680 x 1225
Weight [ca. kg]: 600 (without modules)



MODULAR AND FLEXIBLE