FUTURE ATT

Desktop ticket machine

Product Type: FUTUREATT-LHD180

Device Principle

The equipment requires one operator to handle the loading and unloading of products. The 7-inch tray is placed in the equipment, and the device automatically reads the codes. When the reading is completed, there is an audible prompt. The tray label printer (customer-configured) automatically prints the customer labels. The operator takes out the labels and applies them to the products. The products are then placed on the verification station on the right side for verification. When the verification is completed, there is an audible prompt, and the operator takes out the tray. This process is repeated until one box of products is completed. The box label printer (customer-configured) automatically prints the box label, and the operator manually packs the products and applies the labels.

Functional Features

- Suitable for 7-inch trays
- Compatible with any WMS, ERP, MES, etc.
- 3.5-5s/tray, depending on the operator's proficiency
- Supports voice prompts to enhance customer experience
- Equipped with 2 1200w pixel industrial cameras for reading and verification to meet accuracy requirements

Applications

Used in electronic components, SMT factories, and line-side warehouses, among others.

Workflow

The equipment consists of two workstations: the first workstation for reading and the second workstation for

verification.

- The operator accurately places the SMD tray in the first workstation.
- The equipment reads the codes automatically.
- When the reading is successful, there is an audible prompt, indicating the end of the reading process.
- The on-site tray label printer (customer-configured) prints the customer labels, and the operator applies them manually.
- The operator places the tray with the customer labels in the second reading workstation, and the system reads the codes automatically.
- When the reading is successful, there is an audible prompt, indicating the end of the reading process. This cycle continues.
- In case of reading failure or verification error, different audible prompts are provided. The operator needs to confirm if the tray is correct. If the tray information is correct, the reading process is repeated.
- After each box of trays with the same product number is read, the system automatically controls the printer (customer-configured) to print the outer box labels.

***Regarding Infrared Light Source**

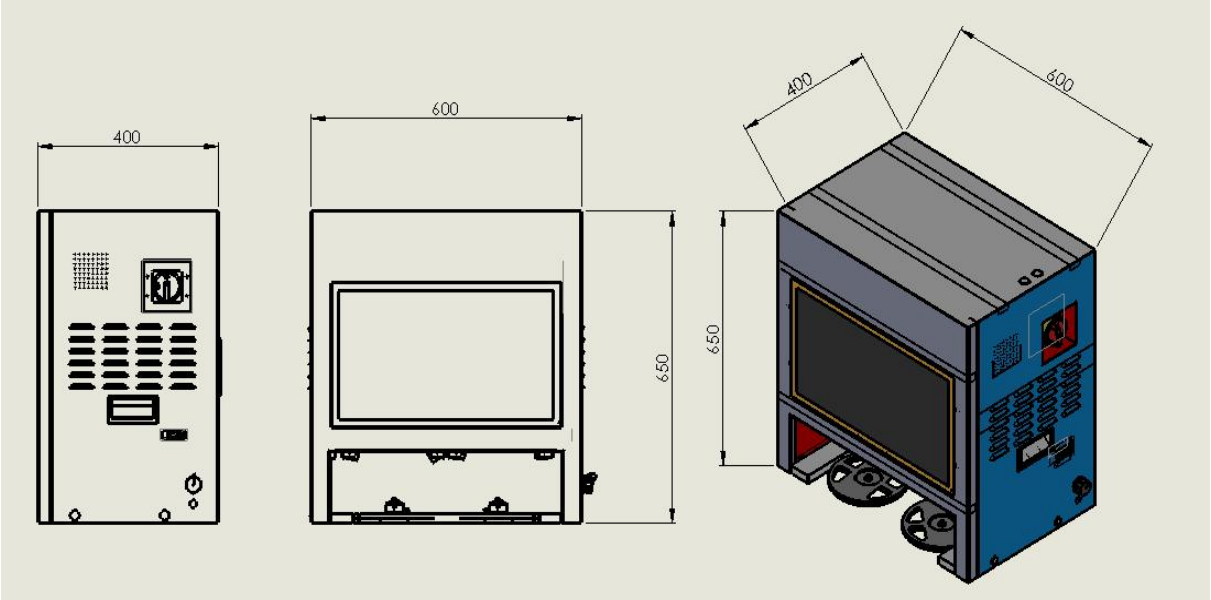
The machine vision system uses infrared light source illumination (invisible light). Compared to white light sources, it avoids strong light stimulation to the operator's eyes and prevents visual fatigue.

Technical Specifications

	Device Model	Parameters
Basic Parameters	Power Supply Voltage	Single-phase, 220V (10A) (Customization available for overseas users according to local power supply voltage)
	Frequency	50HZ
	Compressed Air	Air: Air pressure 0.5-0.7Mpa, flow rate 45L/min
	Dimensions (Length x Width x Height)	600mm×400mm×650mm
	Efficiency	3-5s/tray (depending on the operator's proficiency)
	Decoding Efficiency	≤600ms
	Compatible Tray Size	7-inch tray
	Integration with Systems	The system can be integrated with any WMS/EMP/MES, etc.

	Field of View of Decoding Camera	180mm*240mm
	Configuration	2 industrial cameras with 1200w pixel resolution (decoding + verification)
	Application	Suitable for electronic component distributors, small-batch coding and labeling in SMT factories
Others	High-voltage Components	Independent circuit breakers in the distribution cabinet for easy maintenance
		Equipped with exhaust fans
		Neatly arranged using plastic cable trunking
	Control System	Includes electrical control system, human-machine interface, and visual software system
	Electrical Control System	Controls the functions and mechanisms of the device
	Human-Machine Interface	Enables human-machine interaction
	Visual Software System	Records tray information, detects labels, traces various states of products produced by the machine, and interacts with WMS data
	Environmental Requirements	Measurement of 500mm distance from the operating position or outer wall of the device
	Safety Requirements	The device complies with national safety standards for electromechanical equipment and CCC standards
	Device Appearance	Upper and lower frames in light gray color (RAL7035)

*Equipment Dimensions



*Device Safety Requirements

1、Comply with current WLYT standards or stricter local regulations. Specific requirements will be clarified during the equipment design review.

2、The appearance and structural design of the equipment's protective devices must be thoroughly examined during the design review. Post-processing and installation should not cause mechanical interference, inconvenience for maintenance, or any related safety issues.

*Equipment Random Items

Name	Quantity	Remarks
Tool Bag	1 set	
Electric Screwdriver	1	
Small Adjustable Wrench	1	
Hex Key Set	1 set	

Precision Screwdriver	1	

*Other Optional Models

Receipt Printer	Model	Dimensions (Length x Width x Height mm)	Efficiency	Type
Desktop Receipt Printer	FUTUREATT-LHD100	420x400x650	3-5s/tray (depending on the operator's proficiency)	Single workstation verification

Xiamen Future Att Technology Co., Ltd.

4008-592-568/0592-6283336
1-2/F，1011-1 Guankou Middle Road，Jimei District，Xiamen