

# TM120 Mask Making Machine

Fight Against the Virus, TESTEX Be with You



By Testex Instrument Ltd  
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# Catalog

Option One (Automatic Mask Bodies + **Automatic** Earloop Welding)

Option Two (Automatic Mask Bodies + **Manual** Earloop Welding)

Why Choose **TESTEX**?

## Option 1: Automatic Mask Bodies + Automatic Earloop Welding

| Machine   | Model    | Qty    | Capacity                                |
|---|----------|--------|---|
| Automatic Mask Body Making Machine                          | TM120    | 1 Set  | 120 Pcs/Min                             |
| Automatic Welding Machine with Automatic Mask Bodies Feeder | TM120-60 | 2 Sets | 40~60 Pcs/Min/Set<br>Average 50 Pcs/Min |

# TM120 Mask Bodies Making Machine



## Machine Introduction:

Automatic system to form 3 ply flat mask bodies, combine raw fabrics, three layers of pp non-woven, then form the creases, inserting nose clips and being weld together by ultrasonic welding device, finally cut into mask body pcs for next earloops welding procedure.

|                      |                      |
|----------------------|----------------------|
| Automatic            | Yes                  |
| Capacity*            | 120 Pcs/Min          |
| Mask Size Made       | 175 x 95 mm          |
| Machine Size (LxWxH) | 3300 x 600 x 1500 mm |
| Weight(N.W)          | 271 Kg               |
| Power                | 220V 50/60Hz         |

*Machine Appearance might change accordingly, please confirm with our sales in advance.*

*\*Can be set to produce more than 120 pcs/min, but based on the testing data we have, the 120 pcs/min will be the best balance between idea capacity and stability.*

# TM120-60 Earloop Auto Welding Machine (With Automatic Mask Bodies Feeder)



## Machine Introduction:

Consists of 3 major parts, need one labor to put a pile of mask bodies to the feed system, then the feeder system will distribute the mask body to the conveyor, then the welding device will finish the earloop welding automatically.

Feature in labor saving and ideal capacity, stable running.

|                               |                                   |
|-------------------------------|-----------------------------------|
| Automatic Mask Bodies Feeding | Yes                               |
| Capacity*                     | 40~60 Pcs/Min<br>50 Pcs/Min(Avg.) |
| Mask Size Requirement         | 175 x 95 mm                       |
| Machine Size (LxWxH)          | 2700 x 800 x 1500 mm              |
| Weight(N.W)                   | 260 Kg                            |
| Power                         | 220V 50/60Hz                      |

*\*This is capacity of one set, to match the capacity of the tm120 mask body making machine(120 pcs/min), 2 sets will be needed.*

*Note: Machine Appearance might change accordingly, please confirm with our sales in advance.*

## Option 2: Automatic Mask Bodies + Manual Earloop Welding

| Machine111                         | Model   | Qty         | Capacity            |
|------------------------------------|---------|-------------|---------------------|
| Automatic Mask Body Making Machine | TM120   | 1 Set       | 120 Pcs/Min         |
| Manual Earloop Welding Machine     | TM120-6 | As required | 6 Pcs/Min/Set       |
| Earloop Cutting Machine            |         | 1 Set       | 120 ~ 240 Pcs / Min |

# TM120 Mask Bodies Making Machine



## Machine Introduction:

Automatic system to form 3 ply flat mask bodeis, combine raw fabrics, three layers of pp non-woven, then form the creases, inserting nose clips and being weld together by ultrasonic welding device, finally cut into mask body pcs for next earloops welding procedure.

|                      |                      |
|----------------------|----------------------|
| Automatic            | Yes                  |
| Capacity*            | 120 Pcs/Min          |
| Mask Size Made       | 175 x 95 mm          |
| Machine Size (LxWxH) | 3300 x 600 x 1500 mm |
| Weight(N.W)          | 271 Kg               |
| Power                | 220V 50/60Hz         |

*Machine Appearance might change accordingly, please confirm with our sales in advance.*

*\*Can be set to produce more than 120 pcs/min, but based on the testing data we have, the 120 pcs/min will be the best balance between idea capacity and stability.*

# TM120-6 Manual Earloop Welding Machine



|                      |                     |
|----------------------|---------------------|
| Capacity*            | 6 Pcs/Min           |
| Control Mode         | Foot Padle          |
| Machine Size (LxWxH) | 650 x 400 x 1000 mm |
| Weight(N.W)          | 30 Kg               |
| Power                | 220V 50/60Hz        |

## Machine Introduction:

Used to weld the earloops to the mask body, with the operation of labor, after welding the 4 connect points, then get the final masks, numbers of the welding machine can be adjusted to match the full capacity of the mask body machine, one machine one labor.

*\*This is capacity of one set, we will quote you the total qty of this machine based on your demand.*

*Note: Machine Appearance might change accordingly, please confirm with our sales in advance.*



# Auto Earloop Cutting Machine



The rolled earloops are automatically cut into a specific length (18cm for adults) for the earloop welding process.

*Note: Machine Appearance might change accordingly, please confirm with our sales in advance.*

|                      |                    |
|----------------------|--------------------|
| Capacity             | 120 ~ 240 Pcs/Min  |
| Feeding Speed        | 700 mm/s           |
| Machine Size (LxWxH) | 540 x 410 x 360 mm |
| Weight(N.W)          | 24 Kg              |
| Power                | 220V 50/60Hz       |

# Why Choose TESTEX?



**TESTEX (TESTEX INSTRUMENT LTD)** is a **national high-tech enterprise** and **SGS ISO certification** company that develops and manufactures testing instruments for textile laboratories. 90% of the TESTEX brand instruments are sold to Europe, America, and Asia. Customers include NASA, National laboratories such as the Naval Academy and university research institutes, as well as international inspection agencies such as ITS, SGS, etc., and automotive brands (interior textiles) such as Land Rover, and apparel brands NIKE, Under Armour, Uniqlo, etc.

There are more than 100 models of testing equipment developed and manufactured by TESTEX, covering the testing of the performance of various types of textiles and their properties, as well as testing equipment for epidemic prevention materials such as masks and protective clothing.

TESTEX has rich experience in the R&D, manufacturing, sales, after-sales training of equipment, and always takes the core value of “We endeavor to achieve our customers’ success, then achieve our staffs’ value, thus achieve our shareholders’ goals.”

## Mask Making Machine, Developed, Tested, Used by Ourselves

Quality and Service are the bottom line of us, quality concerns has helped us won our reputation in the textile testing instrument market since our foudation(2010).

When the epidemic is over, we may not produce the mask making machine again, but we hope that all customers who have chosen to buy mask machines from us, can know TESTEX's high demand for product quality, and our pursuit of quality has never changed.





