

RTSFAMILY

We have realized two different kinds of machines, RTS10 A and RTS10 B, to produce respectively swab and serological tests that stand out to be:

- Simple, easy to use machines > No highly skilled personnel required
- Ready to use machines > No format changeover parts required

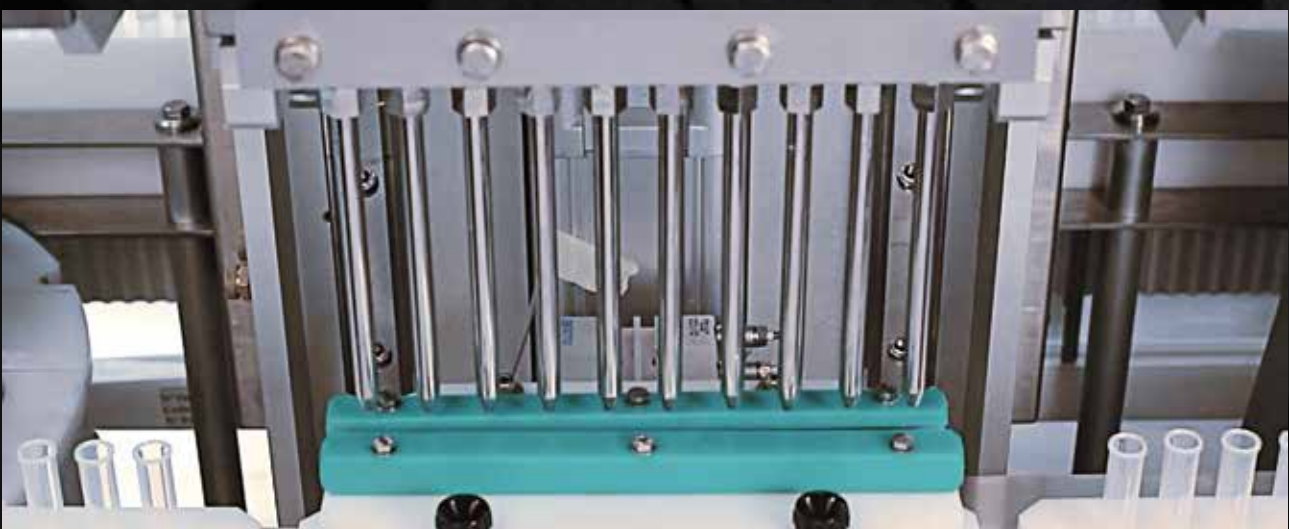


With these machines the following main results can be achieved:

- Maximised efficiency and productivity
- 2 different solutions with patented layouts
- Innovative process cycle unique in the world
- Possibility to use both sterile or not sterile raw material
- No stock required after production and therefore no waste

Only with this machines for serological use you can find special nozzles with nebulization/spray system.

- Thanks to this feature we can spray a minimum of 0.02 μ l and we can re-create the vein cavity when blood will be vacuumed into the tubes.
- Through serological tests it is possible to identify people who came in contact with the virus and developed antibodies even in absence of symptoms. The oropharyngeal/nasopharyngeal swab is necessary to search for the virus and diagnose the ongoing infection.



RTS10A

CATEGORY & CAPACITY
LAB TESTING
 ◇ CORE



- Tube feeding device
- Labelling machine for test tubes
- Tube handling
- Filling station composed by 10 peristaltic pumps
- Granules dosing
- Closing device for closing test tubes with screw-on cap system
- Out feeding tubes from the pucks and placed on the blisters
- Labelling machine for blister package



Speed: up to 240 Pcs/minute

For test tube Ø16 Screw-on cap
 Complete line for test tubes to be used for testing virus (ex. COVID 19)

DESCRIPTION	DATA
TUBE INDEX FEEDING SYSTEM	Alternating, pucks attached to a belt Fully automatic
FILLING SYSTEM	
FILLING PUMPS	Volumetric /peristaltic (version a)
SPRAY NOZZLES TO DOSE FROM 25 µl	Nebulization by micro-dosing pump (version b)
MAX MECHANICAL SPEED (Bph)	14.400 Version a / 12.000 Version b
ELECTRONIC FILLING ADJUSTMENT	Yes
AUTOMATIC REJECT	Yes
NO BOTTLE - NO FILL	Yes
HOT AIR DRYING STATION	Optional on version b
GRANULE STATION	Optional on version b
GEL DOSING STATION	Optional on version b
VACUUM CLOSING STATION	Optional on version b
BLACK BOX CAMERA CONTROLS	Optional for each station

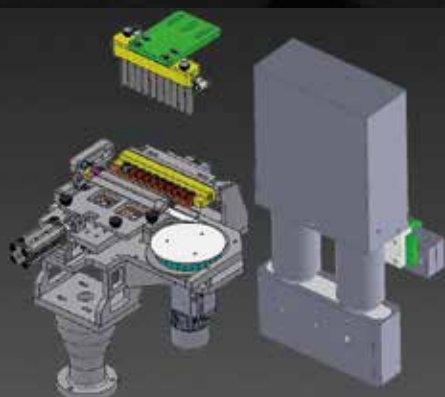
RTS10B

CATEGORY & CAPACITY
LAB TESTING
 ◇ CORE



Speed: up to 200 Pcs/minute

For test test tube Ø12 push-on cap with vacuum closing
 Complete line for test tubes to be used for blood test



- Tube feeding device
- Labelling machine for test tubes
- Tube handling
- Nebulization device composed by 10 volumetric pumps
- Hot air blowing: six stations to guarantee drying inside the test tubes
- Gel dosing
- Granules dosing
- Closing device for vacuum push-on caps
- Out feeding tubes from the pucks and placed on the blisters
- Labelling machine for blister package

During the first two years of pandemic, the 80% of swabs and test tubes used in Italy for testing was produced with our machines installed at the main Italian diagnostic manufacturers.

RTS10D

CATEGORY & CAPACITY
LAB TESTING
 ◇ CORE

Also in
ASEPTIC
PHARMACEUTICAL
COSMETICS
 version



**THE HIGHEST SPEED ON THE MARKET:
 up to 100 strips/minute**

Monodose strip for oral liquids, probiotics, vitamins and many other pharma applications but also nutraceutical and cosmetic liquids and creams.

A third model of RTS machine is designed to handle monodose strip (Filling & Sealing), for which we can achieve.

This machine is equipped with a new patented **pre-heating system with radiating lamp for sterile** production which are positioned on the two sides of the strip to perform pre-heating and heating of the same. This system guarantees the sterility of the packaging avoiding the use of hot air. This kind of machine can be placed under LAF to work in class A/100.

DESCRIPTION	DATA
STRIP INDEX FEEDING SYSTEM	Alternating, pucks attached to a belt Fully automatic
FILLING SYSTEM	
FILLING PUMPS	Volumetric /peristaltic
MAX MECHANICAL SPEED (Bph)	6.000
ELECTRONIC FILLING ADJUSTMENT	Yes
AUTOMATIC REJECT	Yes
NO BOTTLE - NO FILL	Yes