

ACTION[®]
EUROPE

MACHINE EDITION

**2019-20
CATALOG**

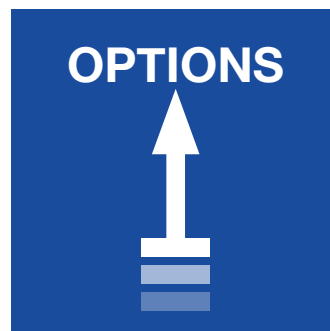
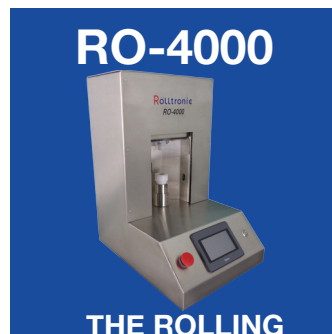


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Summary



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Lundi - vendredi
09h⁰⁰ - 12h⁰⁰
14h⁰⁰ - 18h⁰⁰

The quality of your crimping varies depending on several criteria :

- the height of the vial neck
- the type of neck (DIN or HS)
- seal thickness (from 0.25 mm to 3.25 mm)
 - height of the cap
 - the force applied

Poor crimping can be indicated by :

- a bulging cap and a deformed seal preventing proper sampling
- a cap that turns on the vial; it is not perfectly pressed down onto the vial and the crimp is not hermetically sealed

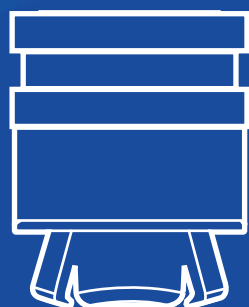
For Headspace analyses in particular, vial sealing affects the reproducibility of the result. Certain autosamplers like the CTC use magnetic caps that require perfectly flat crimping, to allow the vial to be transported using a magnet.

PRACTICAL TIPS:

It is easy to recognize a non-compliant crimp from the following points :

- the crimp cap appears convex
- the side of the cap is deformed
- the seal appears concave

Perfect crimp					
Vial cap surface flat	Edges of aluminium cap not fitting snug against the vial neck	Convex deformation of the crimp caps	Cap sides-deformed	Concave deformation of the seals	Cap edges rounded / Convex deformation of the crimp caps / Seal sticking up
Septum surface flat					
Even crimping of crimp cap side walls	Crimping too weak	Crimping too strong	Crimping too strong	Crimping too strong	Crimping too strong
Sides of the cap flat, undamaged					



CRIMP & SCREW

DESCRIPTION :

Economical and portable, with a wide choice of sizes.

Standard tools offered for a wide choice of caps with diameters of 7.5 / 8 / 11 / 13 / 20 / 28 / 30 / 32 mm:

- Standard aluminium caps
- FlipTop/Flip Off caps
- Flip Tear Up caps
- "Short tear off" caps
- "3-pc tear off" caps
- Flip top cap with flush sides
- FEA pumps 15.5 mm, 16.5 mm, and 20 mm

Dimensions (cm) : H = 7,5 ; L = 20,5 ; W = 4

Weight : 0,45kg

CHARACTERISTICS & ADVANTAGES :

- Laboratory usage
- Light and easy to handle
- Handle is powder-coated hardened steel
- Crimp height and pressure adjustment
- Light and easy to handle with excellent grip



TO CRIMP	QTY	CAT. No.
CR-1 classic for 7.5 mm Ø standard cap	1	070600
CR-1 classic for 8 mm Ø standard cap	1	080600
CR-1 classic for 11 mm Ø standard cap	1	110600
CR-1 classic for 13 mm Ø standard cap	1	130600
CR-1 classic for 13 mm Ø Flip-off overflowing cap	1	130600FLO
CR-1 classic for 13 mm Ø Flush-side (Flip-off not-overflowing) cap	1	130600FS
CR-1 classic for 13 mm Ø Flip Tear Up cap (with tongue)	1	130600FTU
CR-1 classic for 20 mm Ø standard cap	1	200600

CR-1 classic for 20 mm Ø Flip-off overflowing cap	1	200600FLO
CR-1 classic for 20 mm Ø Flush-side (Flip-off not-overflowing) cap	1	200600FS
CR-1 classic for 20 mm Ø Flip Tear Up cap (with tongue)	1	200600FTU
CR-1 classic for 28 mm Ø standard cap	1	280600
CR-1 classic for 30 mm Ø standard cap	1	300600
CR-1 classic for 32 mm Ø standard cap	1	320600

TO DE-CRIMP	QTY	CAT. No.
CR-1 classic for 8 mm Ø standard cap	1	080700
CR-1 classic for 11 mm Ø standard cap	1	110700
CR-1 classic for 13 mm Ø standard cap	1	130700
CR-1 classic for 20 mm Ø standard cap	1	200700
CR-1 classic for 28 mm Ø standard cap	1	280700
CR-1 classic for 30 mm Ø standard cap	1	300700
CR-1 classic for 32 mm Ø standard cap	1	320700



Don't hesitate to contact us for other models of tools !

DESCRIPTION :

Economical and portable, with a wide choice of sizes.

Standard tools offered for a wide choice of caps with diameters of 7.5 / 8 / 11 / 13 / 20 / 28 / 30 / 32 mm:

- Standard aluminium caps
- FlipTop/Flip Off caps
- Flip Tear Up caps
- “Short tear off” caps
- “3-pc tear off” caps
- Flip top cap with flush sides
- FEA pumps 15.5 mm, 16.5 mm, and 20 mm

Dimensions (cm) : H = 7,5 ; L = 20,5 ; W = 4

Weight : 0,45kg

CHARACTERISTICS & ADVANTAGES :

- Usage in clean rooms and laboratories
- Light and easy to handle
- The mechanism is made of a material that is non-corrodible and temperature-resistant
- Can be sterilized in an “autoclave”
- Repeated sterilization does not affect the surface of the tool
- Crimping height adjustment using a hex key
- Ergonomic shape allows excellent grip and effortless use



TO CRIMP	QTY	CAT. No.
CR-100 special for 7,5 mm Ø standard cap	1	070601
CR-100 special for 8 mm Ø standard cap	1	080601
CR-100 special for 11 mm Ø standard cap	1	110601
CR-100 special for 13 mm Ø standard cap	1	130601
CR-100 special for 13 mm Ø Flip-off overflowing cap	1	130601FLO
CR-100 special for 13 mm Ø Flush-side (Flip-off not-overflowing) cap	1	130601FS
CR-100 special for 13 mm Ø Flip Tear Up cap (with tongue)	1	130601FTU
CR-100 special for 20 mm Ø standard cap	1	200601

CR-100 special for 20 mm Ø Flip-off overflowing cap	1	200601FLO
CR-100 special for 20 mm Ø Flush-side (Flip-off not-overflowing) cap	1	200601FS
CR-100 special for 20 mm Ø Flip Tear Up cap (with tongue)	1	200601FTU
CR-100 special for 28 mm Ø standard cap	1	280601
CR-100 special for 30 mm Ø standard cap	1	300601
CR-100 special for 32 mm Ø standard cap	1	320601
CR-100 special for 32 mm Ø Flip-off cap	1	320601FLO

TO CRIMP FEA PUMPS	QTY	CAT. No.
CR-100 special for 15,5 mm Ø FEA pumps	1	150601FEA
CR-100 special for 16,5 mm Ø FEA pumps	1	160601FEA
CR-100 special for 20 mm Ø FEA pumps	1	200601FEA

TO DE-CRIMP	QTY	CAT. No.
CR-100 special for 8 mm Ø standard cap	1	080701
CR-100 special for 11 mm Ø standard cap	1	110701
CR-100 special for 13 mm Ø standard cap	1	130701
CR-100 special for 20 mm Ø standard cap	1	200701
CR-100 special for 28 mm Ø standard cap	1	280701
CR-100 special for 30 mm Ø standard cap	1	300701
CR-100 special for 32 mm Ø standard cap	1	320701



Don't hesitate to contact us for other models of tools !

DESCRIPTION :

Our CR-1000 crimping station combines adjustable power with reproducible crimping.

- Suitable for all models of closures on the market
- Ergonomic, easy-to-use station
- Recommended for aluminium and steel caps (CTC - Combi PAL)
- Built-in power supply
- Sturdy and reliable
- Light and portable
- Create & develops in France

CHARACTERISTICS & ADVANTAGES :

- Secure, reproducible crimping just by pressing the “start cycle” button.
- Ideally suited for crimping and decapping magnetic steel caps.
- Progressively-adjustable power according to the type of cap and hardness of the seals.
- Fast, easy head changing without tools.
- Does not require the use of compressed air or charging of electrical batteries.
- Fast, easy electric actuator replacement.
- The operator is not subjected to the weight and imprecision of conventional instruments used at arm’s length.



The CR-1000 is very compact, versatile, stable, and allows the crimping and decapping force to be adjusted precisely.

The interchangeable crimping or decapping heads are easily fitted without tools and are especially suited for crimping and decapping aluminium and stainless-steel caps with a diameter of 8, 11, 13, and 20 mm.

Special heads are available for 13 mm and 20 mm flip-off caps.

The force setting can be adjusted progressively using a potentiometer according to the hardness of the seals and the type of caps used.

The CR-1000 is compatible with aluminium standard caps, safety caps used in Headspace, magnetic steel caps, and flip-off caps.

The crimping force is much higher than using hand crimpers fitted with a battery (limited by its life or state of charge).

DESCRIPTION	CAT. No.
Crimptronic CR-1000 electronic crimping station (Complete station less crimping head)	CR-1000
High-performance electronic crimping station fitted with a special actuator 1-year guarantee extension (includes parts and labour) Mode Crimptronic CR-1000 (Complete station less crimping head)	CR-1000GEX
Aluminium shipping case with custom-profiled foam packing	CTA1000



Force adjustable according to the type of caps and seals



Easy to move



Requires only a simple 230 V / 50 Hz supply



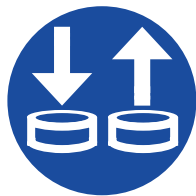
Average rate
400 vials / hour



Crimping for all types and sizes of vials



Compact
Can be installed on table or lab bench
H 60 cm x W 16 cm x D 20 cm



Allows crimping and decapping



French manufactured



Machine can be repaired for 10 years



Don't hesitate to contact us for further details



* **Note :** Accessories | Safety covers for crimping/decapping heads.
Whether or not a cover is used does not affect the crimp quality but will allow you to use the unit in complete safety.

CHARACTERISTICS & ADVANTAGES :

Our CR-4000 crimping station combines adjustable power with reproducible crimping.

- Suitable for all models of closures on the market
- Ergonomic, easy-to-use station
- Recommended for aluminium and steel caps (CtC - Combi PAL)
- Built-in power supply
- Sturdy and reliable
- Illuminated, safe work area
- Easy, effortless use
- Fitted with an electric actuator allowing accurate, reproducible adjustment of the crimping parameters
- Linear displacement of the crimping head
- Secure, reproducible crimping just by pressing the "start cycle" button.
- Ideally suited for crimping and decapping magnetic steel caps.
- Progressively-adjustable power according to the type of cap and hardness of the seals
- Fast, easy head changing without tools
- Does not require the use of compressed air or charging of electrical batteries.
- Rapid, easy electric actuator replacement.
- The operator is not subjected to the weight and imprecision of conventional instruments used at arm's length.
- French manufactured



The CR-4000 is versatile, stable, and allows the crimping and decapping force to be adjusted precisely.

The interchangeable crimping or decapping heads are easily fitted without tools and are especially suited for crimping and decapping aluminium and steel caps with diameters of 8, 11, 13, and 20 mm, as well as 13, 15, 18, and 20 mm FEA pumps.

The force setting can be adjusted progressively using a potentiometer or an electronic controller, according to the hardness of the seals and the type of caps used.

Crimping height can be adjusted according to the model of vial used.

The CR-4000 is compatible with aluminium standard caps, safety caps used in Headspace, magnetic steel caps, and flip-off caps.

The crimping force is much higher than using hand crimpers, either conventional or fitted with a battery (limited by its life or state of charge). The crimping head is displaced using linear guidance.

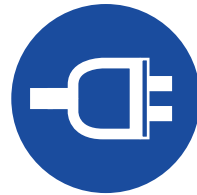
DESCRIPTION	CAT. No.
Crimptronic CR-4000 electronic crimping station (Complete station less crimping head)	CR-4000
ACCESSORIES	CAT. No.
Precision stainless-steel adaptor for XX Ø vials Produced on request according to diameter of vial	ADXX



Force adjustable according to the type of caps and seals



Easy to move



Requires only a simple 230 V / 50 Hz supply



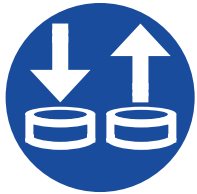
Average rate
450 vials / hour



Crimping for all types and sizes of vials



Compact
Can be installed on table or lab bench
H 60 cm × W 22 cm × D 28 cm



Allows crimping and decapping



French manufactured



Machine can be repaired for 10 years



Don't hesitate to contact us for further details



* **Note :** Accessories | Safety covers for crimping/decapping heads.
Whether or not a cover is used does not affect the crimp quality but will allow you to use the unit in complete safety.

CHARACTERISTICS & ADVANTAGES :

Our CR-4000S crimping station combines adjustable power with ultra-fast reproducible crimping.

- Suitable for all models of closures on the market
- Allows crimping in automatic and semi-automatic mode
- Continuously-welded 316L stainless-steel case
- Colour touch screen
- Displays model of vial selected
- Automatic presetting of crimping height and force according to the type of vial and closure used.
- Recommended for aluminium and steel caps (CtC - Combi PAL)
- Built-in power supply
- Sturdy and reliable
- Safety work area with electronic barriers
- Easy, effortless use
- Fitted with high-performance, ultra-fast drive system allowing the crimping parameters to be accurately and reproducibly adjusted
- Linear displacement of the crimping head
- Secure, reproducible crimping just by pressing the "start cycle" button.
- Ideally suited for crimping and decapping magnetic steel caps.
- Fast, easy head changing without tools
- Does not require the use of compressed air or charging of electrical batteries.
- Fast, easy electric actuator replacement.
- Ergonomic, easy-to-use station
- The operator is not subjected to the weight and imprecision of conventional instruments used at arm's length.
- Remote control (Option)



The CR-4000S is versatile, stable, and allows the crimping and decapping force to be adjusted precisely. The interchangeable crimping or decapping heads are easily fitted without tools and are specially suited for crimping and decapping aluminium and steel caps with diameters of 8, 11, 13, and 20 mm, as well as 13, 15, 18, and 20 mm FEA pumps.

The force setting can be adjusted progressively using a potentiometer or an electronic controller, according to the hardness of the seals and the type of caps used.

Automatic setting of crimping height and force according to the type of vial and closure used.

The CR-4000S is compatible with aluminium standard caps, safety caps used in Headspace, magnetic steel caps, and flip-off caps.

The crimping force is much higher than using conventional hand-operated crimpers, either pneumatic or fitted with a battery (limited by its life or state of charge). The crimping head is displaced using linear guidance.

DESCRIPTION	CAT. No.
Crimptronic CR-4000S electronic crimping station (Complete station less crimping head)	CR-4000S
ACCESSORIES	CAT. No.
Precision stainless-steel adaptor for XX Ø vials Produced on request according to diameter of vial	ADXX



Force adjustable according to the type of caps and seals



Increased stability and movable



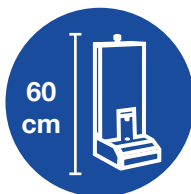
Requires only a simple 230 V / 50 Hz supply



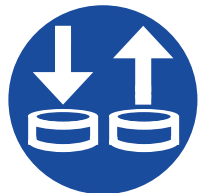
Average rate 750 vials / hour



Crimping for all types and sizes of vials



Compact
Can be installed on table or lab bench
H 60 cm x W 32 cm x D 42 cm



Allows crimping and decapping



French manufactured



Machine can be repaired for 10 years



Cycle time: 0.75 sec



Don't hesitate to contact us for further details



* **Note** : Accessories | Safety covers for crimping/decapping heads.
Whether or not a cover is used does not affect the crimp quality but will allow you to use the unit in complete safety.

CHARACTERISTICS & ADVANTAGES :

Our CR-4000SL crimping station combines adjustable power with fast, reproducible crimping

- Suitable for all models of closures on the market
- Colour touch screen with up to 15 different presets
- 316L stainless-steel case
- Semi-automatic (button) or automatic (clearing electronic barriers) crimp cycle start
- Quality management, control, and monitoring LED (option)
- Measures the crimping force Production traceability software (option)
- Ergonomic, easy-to-use station
- Built-in power supply Sturdy and reliable
- Safe working area using infra-red barriers
- Versatile, effortless use
- High-performance electric actuator
- Linear displacement of the crimping head
- Ultra-fast, safe, reproducible crimping
- Ideally suited for crimping and decapping magnetic steel caps.
- Progressively-adjustable power according to the type of cap and hardness of the seals
- Fast, easy head changing without tools
- Does not require the use of compressed air or charging of electrical batteries.
- Rapid, easy electric actuator replacement.
- The operator is not subjected to the weight and imprecision of conventional instruments used at arm's length.
- French manufactured



The CR-4000SL is versatile, stable, and allows the crimping and decapping force to be adjusted precisely. The interchangeable crimping or decapping heads are easily fitted without tools and are specially suited for crimping and decapping aluminium and steel caps with diameters of 8, 11, 13, 20, and 32 mm, as well as FEA pumps.

The setting can be adjusted progressively using the touch screen, according to the type of vials (dimensions) and closures (hardness of the seals and caps).

Crimping height is adjusted automatically according to the model of vial used.

The CR-4000SL is compatible with aluminium standard caps, safety caps used in Headspace, magnetic steel caps, and flip-off caps.

The crimping force is much higher than using hand crimpers, either conventional or fitted with a battery. The CR-4000SL is particularly intended for pharmaceutical production.

DESCRIPTION	CAT. No.
Crimptronic CR-4000SL electronic crimping station (Complete station less crimping head)	CR-4000SL
ACCESSORIES	CAT. No.
Precision stainless-steel adaptor for XX Ø vials Produced on request according to diameter of vial	ADXX



Force adjustable according to the type of caps and seals



Increased stability and movable



Requires only a simple 230 V / 50 Hz supply



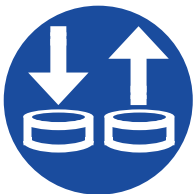
Average rate 550 vials / hour



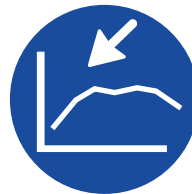
Crimping for all types and sizes of vials



Compact
Can be installed on table or lab bench
H 70 cm x W 32 cm x D 43 cm



Allows crimping and decapping



Production management and control software



Control LED and status display



French manufactured



Machine can be repaired for 10 years



Don't hesitate to contact us for further details



* **Note** : Accessories | Safety covers for crimping/decapping heads.
Whether or not a cover is used does not affect the crimp quality but will allow you to use the unit in complete safety.

CHARACTERISTICS & ADVANTAGES :

Our CR-5000 crimping station combines adjustable power with fast, reproducible crimping.

- Suitable for all models of closures on the market
- Ergonomic, compact, easy-to-use station
- Sturdy and reliable
- Laser vial presence detection
- Easy, effortless use
- High crimping capacity and rate thanks to use in concurrent operation time.
- Linear displacement of the crimping head
- Rotating table allowing production crimping in concurrent operation time
- Crimping force adjustable according to the combination of the type of seal and caps used
- Ideally suited for crimping aluminium and steel caps, as well as Flip-off caps
- Progressively-adjustable power according to the type of cap and hardness of the seals
- Fast, easy head and actuator changing
- Does not require the use of compressed air or charging of electrical batteries.
- Does not discharge air contaminated with traces of oils or fuels into the confined working area
- Electric actuator I high-precision control over crimping parameters (5 presets)
- LCD screen with total counter
- French manufacture



The CR-5000 is versatile, stable, and allows the crimping force to be adjusted precisely. The interchangeable crimping heads are quickly fitted without tools and are especially suited for crimping aluminium and steel caps with diameters of 8, 11, 13, and 20 mm. Special heads are available for 13 mm and 20 mm flip-off caps.

The force setting can be adjusted progressively according to the hardness of the seals and the type of caps used. The head height is adjustable according to the type of vial. The CR-5000 is compatible with aluminium standard caps, safety caps used in Headspace, magnetic steel caps, and Flip-Off, Flip Tear Off, and Flip Tear Up caps.

The crimping force is much higher than using hand crimpers fitted with a battery (limited by its life or state of charge). The crimping head is displaced using linear guidance.

DESCRIPTION	CAT. No.
Crimptronic CR-5000 electronic crimping station (Complete station less crimping head)	CR-5000

MOST POPULAR OPTIONS	CAT. No.
Two-position sliding guide mounted on ball screw	Option «D»
316 L stainless-steel case	Option «I»



Force adjustable according to the type of caps and seals



Easy to move



Requires only a simple 230 V / 50 Hz supply



Average rate 750 vials / hour



Crimping for all types and sizes of vials



Compact
Can be installed on table or lab bench
H 60 cm x W 27 cm x D 33 cm



Allows crimping



French manufactured



Machine can be repaired for 10 years



Don't hesitate to contact us for further details



* **Note** : Accessories I Safety covers for crimping/decapping heads.
Whether or not a cover is used does not affect the crimp quality but will allow you to use the unit in complete safety.

HOW DOES IT DIFFER FROM THE CR-5000 MODEL ?

- Colour touch screen
- Displays model of vial selected
- Automatic presetting of crimping height according to the type of vial used.
- Lateral positioning and separation arm allowing the vial to be positioned under the centre of the head
- High-performance electric actuator
- Continuously-welded 316L stainless-steel case
- Networking using a server for statistical monitoring of manufacturing batches (Option)
- Remote control (Option)



The CR-5000S is versatile, stable, and allows the crimping force to be adjusted precisely. The interchangeable crimping heads are quickly fitted without tools and are especially suited for crimping aluminium and steel caps with diameters of 8, 11, 13, and 20 mm. Special heads are available for 13 mm and 20 mm flip-off caps.

The force setting can be adjusted progressively according to the hardness of the seals and the type of caps used. The head height is adjustable according to the type of vial. The CR-5000S is compatible with aluminium standard caps, safety caps used in Headspace, magnetic steel caps, and Flip-Off, Flip Tear Off, and Flip Tear Up caps.

The crimping force is much higher than using hand crimpers fitted with a battery (limited by its life or state of charge).

The crimping head is displaced using linear guidance.

Easy to use and maintain, it requires only a 230 V / 50 Hz power supply socket.













* **Note** : Accessories I Safety covers for crimping/decapping heads.

Whether or not a cover is used does not affect the crimp quality but will allow you to use the unit in complete safety.

DESCRIPTION	CAT. No.
Crimptronic CR-5000S electronic crimping station (Complete station less crimping head)	CR-5000S

MOST POPULAR OPTIONS	CAT. No.
Two-position sliding guide mounted on ball screw	Option «D»
Temperature probe	Option «T»
Networking using a server for statistical monitoring of manufacturing batches	Option «R»

	Force adjustable according to the type of caps and seals		Increased stability and movable
	Requires only a simple 230 V / 50 Hz supply		Average rate 750 vials / hour
	Crimping for all types and sizes of vials		Compact Can be installed on table or lab bench H 60 cm x W 32 cm x D 42 cm
	Allows crimping		French manufactured
	Machine can be repaired for 10 years		Don't hesitate to contact us for further details

CHARACTERISTICS & ADVANTAGES :

Our CR-6000 crimping station combines precise force adjustment with ultra-fast, reproducible crimping, directly in vial-trays.

- Suitable for all models of closures on the market
- Ergonomic, easy-to-use 3-axis station.
- Recommended for intensive sample preparation
- Built-in power supply
- Total counter
- Colour touch-screen
- LED-illuminated working area with IR safety barriers
- Sturdy and reliable
- Very high precision guidance
- Ultra-fast, reproducible, safe crimping directly in the vial-trays.
- Secure, reproducible crimping just by pressing the “start cycle” button.
- Progressively-adjustable force according to the type of cap and hardness of the seals
- Fast, easy head changing without tools
- Does not require the use of compressed air or charging of electrical batteries.
- Does not discharge air contaminated with traces of oils or fuels into the confined working area
- Fast, easy electric actuator replacement.
- Customized manufacture to customer requirements upon request
- French manufactured



The CR-6000 is a high-performance electronic crimping station.

Very fast and accurate, the CR-6000 is also versatile, stable, and allows the crimping force to be adjusted precisely. Crimping is performed directly in the vial-tray.

The interchangeable crimping heads are easily fitted without tools and are especially suited for crimping aluminium and stainless-steel caps with a diameter of 8, 11, 13, and 20 mm.

Special heads are available on request (e.g. head for 13 and 20 mm Ø flip-off caps).

The force setting can be adjusted progressively on the display according to the hardness of the seals and the type of caps used.

The CR-6000 is compatible with aluminium standard caps, safety caps used in Headspace, magnetic steel caps, and flip-off caps.

The system allows full crimping of all the tray positions or priority crimping of selected vials.

DESCRIPTION	CAT. No.
Crimptronic CR-6000 electronic crimping station (Complete station less crimping head)	CR-6000
MOST POPULAR OPTIONS	CAT. No.
Electrical transport, guidance, and positioning system for automatic cap fitting	CT-6000



Force adjustable according to the type of caps and seals



Increased stability and movable



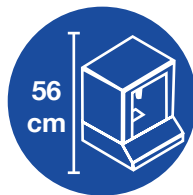
Requires only a simple 230 V / 50 Hz supply



Average rate 900 vials / hour



Crimping for all types and sizes of vials



Compact
Can be installed on table or lab bench
H 56 cm x W 43 cm x D 49 cm



Allows crimping and decapping



French manufactured



Machine can be repaired for 10 years



Don't hesitate to contact us for further details



* **Note :** Accessories | Safety covers for crimping/decapping heads.
Whether or not a cover is used does not affect the crimp quality but will allow you to use the unit in complete safety.

CHARACTERISTICS & ADVANTAGES :

Our RO-4000 crimping station combines accuracy of the adjustment parameters, a modular approach, and regularity, with a reproducible crimp result that leaves no marks or traces of distortion on your caps.

- Suitable for all models of closures on the market
- Compact, easy-to-use station
- Recommended for standard and Flip-off caps from 7.5 – 32 mm
- Built-in power supply
- Particularly sturdy and reliable
- Safety features include a transparent window and IR barrier
- Easy, effortless use
- Fitted with electric drive system allowing the crimping parameters to be accurately and reproducibly adjusted along 3 axes
- All the crimp parameters are perfectly controlled (vial rotation, crimp roller speed, cap and seal pressure, etc.)
- Progressively-adjustable crimping travel according to the type of cap and hardness of the seals
- Fast, easy changing of heads and bases for vials and types of caps without the use of tools
- Developed and manufactured in France



The RO-4000 is versatile and stable, and lets you obtain the best crimping results available on the market.

The interchangeable locating heads and vial bases for crimping are quick to change without tools and are specially suited to standard or Flip-Off aluminium closures with a diameter of 7.5 mm, 8 mm, 11 mm, 13 mm, and 20 mm, as well as 13, 15, 18, and 20 mm FEA pumps.

The seal compression can be adjusted progressively by means of an electric motor, according to the hardness of the seals and type of caps used.

The RO-4000 is compatible with standard aluminium caps, the safety caps used in Headspace, magnetic caps, and Flip-Off caps.

All the working parameters are controlled and can be modified (vial rotation, crimp roller speed, descent of the locating head), thereby ensuring perfect, reproducible crimping without leaving marks on the cap.

The instrument is also used as a test bench for qualifying caps, stoppers, and vials.



Don't hesitate to contact us for further details

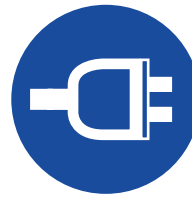
DESCRIPTION	CAT. NO.
Rolltronic RO-4000 electronic crimping station (Complete station, less cap locating head and vial base) RO-4000	RO-4000
ACCESSORIES	CAT. NO.
Precision stainless-steel adaptor for XXØ vials Manufactured on request (Ø & Height of the vials)	AD-RO-XX
Holding head pour capsule ØXX Réalisation sur demande suivant diamètre et spécificité de la capsule	TM-RO-XX



Force adjustable according to the type of caps and seals



Increased stability



Requires only a simple 230 V / 50 Hz supply



Average rate 750 vials / hour



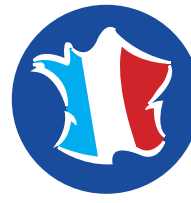
Crimping for all types and sizes of vials



Compact
Can be installed on table or lab bench
H 52 cm x W 31.5 cm x D 43 cm



Allows crimping without distorting or marking the cap



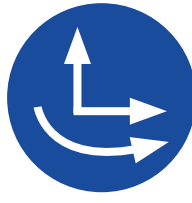
French manufactured



Machine can be repaired for 10 years



Report and protocol of Installation & Operational Qualification (IQ / OQ)



X, Y, Z axis control



Demonstration video

CHARACTERISTICS & ADVANTAGES :

Close your screw-top vials effortlessly with a controlled, reproducible tightening torque

Fast head fitting/removal

Displacement of the torquing head by linear guidance

- Easy, effortless use
- Handles 450 vials an hour
- Ideal for the field of chromatography, and the pharmaceutical and cosmetics industry
- Possibility of adapting the system for specific applications
- Specially developed for screwing plastic closures with or without tamper-resistant ring used in the field of laboratories and pharmacy
- Displacement of the screwing head by linear guidance
- Electric motor/gearbox with controlled screwing parameters
- Different sizes of heads available depending on the model of screw-caps used
- Gradual adjustment of screwing force and height
- Universal design meets all requirements for screwing vials
- Illuminated working area with infrared sensors for safety
- Plugs into the mains socket on your lab bench
- Built-in power supply
- Available with numerous options
- French manufactured

Dimensions (cm) : H = 60 ; W = 22 ; D = 28 | Weight : 19 Kg



The SC-4000 is a high-performance electric screwing station. It has been developed especially for screwing plastic closures with or without tamper-resistant ring. It will allow you to screw your closures with diameters of 18, 22, or 24 mm, as well as other dimensions on request!

The SC-4000 is stable, easy to use and maintain. This electric screwing station has an illuminated working area with safety infrared detectors. The force setting can be adjusted progressively, together with the screwing height. The torquing head is displaced using linear guidance.

Operation requires only a 230 V / 50 Hz electrical supply socket.

DESCRIPTION	CAT. No.
Electric screwing station Screwtronic SC-4000 model (Complete station less torquing head)	SC-4000
MOST POPULAR OPTIONS	CAT. No.
Electric cycle / total counter	Option «C»
316 L stainless-steel case	Option «I»
Fan (recommended for intensive use)	Option «V»
ACCESSORIES	CAT. No.
Circular stainless base for vial adaptors	P1120
Precision stainless-steel adaptor for 2 ml 12 mm Ø vials	AD11
Precision stainless-steel adaptor for 20 ml 22.5 mm Ø vials	AD22
Precision stainless-steel adaptor for 20 ml 23 mm Ø vials	AD23
Precision stainless-steel adaptor for special XX Ø vials Manufactured on request	AD <u>XX</u>
TORQUING HEAD FOR SC-4000	CAT. No.
Torquing head for DIN 18 neck	TV18
Torquing head for DIN 20 neck	TV20
Torquing head for DIN 22 neck	TV22
Torquing head for DIN 24 neck	TV24

Can't find the head you want ?
Please ask us ! Other size on request !



**Don't hesitate to contact us
for further details**

CHARACTERISTICS & ADVANTAGES :**Leak detection by loss of pressure in a sealed component (in a vacuum chamber)**

- Differential (sensitivity to Pa) and relativen (sensitivity to mbar) measurement

Pressure range

- Negative pressure, built-in vacuum pump Electronic
- Regulation –650 mbar maximum

Measurement units

- Pascal (Pa)
- Pascal per second (Pa/s)
- Cubic centimetres per minute (cm³/min)

32 programmes available

- Accessible from front panel
- RS-232 output as standard for serial printer (option)
- RJ45 Ethernet output (option)
- Front panel SD card for saving (option)

Reduced internal volume

- Fast, high-sensitivity measurement

Compact housing and plugs into 230 V mains socket

- 230 V > 24 V power supply provided
- Drawer closure system, 1 to 4 products by interchangeable support, individual checking.

Non-destructive sealing testing for sealed products for IP65 to IP67 testing: Blisters, capped vials, sachets, vacuum packs, pharmaceutical products, etc.

Dimensions (cm): H = 40.5; W = 56.5; D = 38.5 | Weight: 40 kg



This is a device for detecting leaks by loss of pressure in a vacuum chamber allowing crimped vial sealing to be checked.

The Vactronic system also makes it possible to check various types of packs such as sealed products, sachets, blisters, vacuum packs, etc.

This non-destructive test for vials can advantageously replace the sealing test using methylene blue (ISO 8871-5), allowing its off-putting drawbacks to be avoided (destroys the sample, subject to human interpretation, tiresome, very long test duration)

Easy to use and maintain, the system requires only a 230 V / 50 Hz socket for the power supply provided

OPERATING PRINCIPLE

Filling	Pumping down of the chamber containing the unit to be tested and monitoring of the test vacuum
Stabilization	Waiting time during which the vacuum is stabilized (Bounce and thermal effect)
Test 1 & 2	1. Measurement of the pressure drop in Pa 2. Transfer volume (major leak test) and processing results
Vacuum release	Checked unit returned to atmospheric pressure

TECHNICAL SPECIFICATIONS

Power supply	24 volt DC (mains power unit supplied)
Power consumption	1.5 A
Converter	32-bit A/D
Measuring range	± 400 Pa
Measurement units	Pa, Pa/s or cm ³ /min
Test vacuum	-650 mbar maximum by built-in vacuum pump with electronic regulation
Resolution	mbar in vacuum and Pa in measurement
Class	$\pm 1\%$ of full scale
Screen	3.5» Colour Touch-screen, 256 colours, TFT LCD display. 320x240 pixels (QVGA)
Indicators	2 indicators: good unit and bad unit
Inputs	Automatic start on closing drawer, Reset, selection of 32 programmes
Output	RS-232 serial port for printer and RJ-45 (option)
Metal housing	316L stainless steel

Vactronic®

OPTIONS COMPATIBILITY						
OPTION	DESCRIPTION	CR-1000	CR-4000	CR-5000	CR-6000	...
Option «A»	LCD display with 5 adjustable levels and total counter		X			
Option «C»	Electric cycle / total counter		X			SC-4000
Option «D»	Two-position sliding guide mounted on ball screw			X		
Option «E»	Special stainless-steel case sealed to IP65 (dust and water jets), crimp head sealing by double O-ring, IP65 touch-sensitive display for adjusting and pre-selecting crimping forces, totalling counter, automatic crimping height adjustment system with a carriage guided using a trapezoidal screw, internal temperature management.			X		
Option «I»	316 L stainless-steel case	X	X	X	X	SC-4000
Option «L»	Wide working area opening. Particularly suitable for using 50 and 100 ml vials, the area is protected by 3 IR sensors		X			SC-4000
Option «T»	Temperature probe		X	X		SC-4000
Option «USB»	Option "USB" Machine control by microprocessor, with USB link Force curves can be saved Configuration and saving of the various force levels according to the type of closure. Statistics and monitoring of the number of crimping and decapping operations performed, the average force applied, usage time Any other functions can be produced upon request (Statistics, operation, display, etc.)		X			
Option «V»	Fan (recommended for intensive use)		X	X		SC-4000
CT-6000	Electrical transport, guidance, and positioning system for automatic cap fitting				X	
Option «R»	Networking using a server for statistical monitoring of manufacturing batches			CR-5000S	CR-6000	
Option «PCD»	Remote control			CR-5000S	CR-6000	RO-4000

TORQUING HEAD FOR SC-4000	CAT. No.
Torquing head for DIN 18 neck	TV18
Torquing head for DIN 20 neck	TV20
Torquing head for DIN 22 neck	TV22
Torquing head for DIN 24 neck	TV24

CRIMPING HEAD	CAT. No.	COVER*
Crimping head for 8 mm Ø caps	TS08	CAO08S
Crimping head for 11 mm Ø caps	TS11	CAO11S
Crimping head for 13 mm Ø caps	TS13	CAO13S
Crimping head for 13 mm Ø overflowing flip-off caps	TS13FLO	CAO13FLOS
Crimping head for 13 mm Ø flip-off with tongue caps	TS13FTU	CAO13FTUS
Crimping head for 13 mm Ø not-overflowing flip-off caps	TS13FS	CAO13FSS
Crimping head for 20 mm Ø caps	TS20	CAO20S
Crimping head for 20 mm Ø overflowing flip-off caps	TS20FLO	CAO20FLOS
Crimping head for 20 mm Ø flip-off with tongue caps	TS20FTU	CAO20FTUS
Crimping head for 20 mm Ø not-overflowing flip-off caps	TS20FS	CAO20FSS
Crimping head for 28 mm Ø caps	TS28	CAO28S
Crimping head for 32 mm Ø caps	TS32	CAO32S
Crimping head for 32 mm Ø overflowing flip-off caps	TS32FLO	CAO32FLOS
Crimping head for 32 mm Ø not-overflowing flip-off caps	TS32FS	CAO32FSS



Add «-I» after the reference of the standard cover to benefit from the stainless steel finish

* **Note** : Accessories | Safety covers for crimping/decapping heads.

Whether or not a cover is used does not affect the crimp quality but will allow you to use the unit in complete safety.

DECAPPING HEAD	CAT. No.	COVER*
Decapping head for crimp-top vials using an 8 mm Ø neck	TD08	CAO08D
Decapping head for crimp-top vials using an 11 mm Ø neck	TD11	CAO11D
Decapping head for crimp-top vials using an 13 mm Ø neck	TD13	CAO13D
Decapping head for crimp-top vials using an 20 mm Ø neck	TD20	CAO20D

HOLDING HEAD FOR CAPS ROLLTRONIC RO-4000	CAT. NO.
Holding head for 13 mm Ø caps	TM-RO-13
Holding head for 13 mm Flip-Off Ø caps (overflowing)	TM-RO-13FLO
Holding head for 13 mm Flip-Off Ø caps (not overflowing)	TM-RO-13FS
Holding head for 13 mm Flip-Off Ø caps (flat surface)	TM-RO-13OVB
Holding head for 20 mm Ø caps	TM-RO-20
Holding head for 20 mm Flip-Off Ø caps (overflowing)	TM-RO-20FLO
Holding head for 20 mm Flip-Off Ø caps (not overflowing)	TM-RO-20FS
Holding head for XXØ caps Manufactured on request (Ø & specificity of the caps)	TM-RO- XX

PRECISION ADAPTOR FOR VIALS ROLLTRONIC RO-4000	CAT. NO.
Precision stainless-steel adaptor for XXØ vials Manufactured on request (Ø & Height of the vials)	AD-RO- XX



Burn both sides of your security cover with the text of your choice !

example :



DON'T HESITATE TO CONTACT US :

Monday to Friday
09h⁰⁰ - 12h⁰⁰
14h⁰⁰ - 18h⁰⁰

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