

ACTION EUROPE®

**TECHNICAL
SHEET**



CR-4000

ELECTRIC CRIMPING & DECAPPING STATION

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



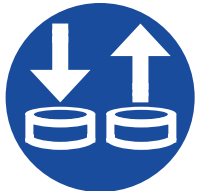
Average rate 450 vials / hour



Crimping for all types and sizes of vials



Compact
Can be installed on table or lab bench
H 60 cm x W 22 cm x 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.

| 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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