



3CR Bio 8-Channel Handheld-Capper User Manual

Part Code : CO-DE001





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1 Capper Overview and Compatibility

1.1 Designed for use with:

1.1.1 3CR Bio 8-Channel Handheld-Capper

- 0.5 mL 3CR Bio sample tubes
- 0.75 mL 3CR Bio sample tubes
- 0.9 mL 3CR Bio sample tubes
- 1.0 mL 3CR Bio sample tubes

1.2 Hazards and Precautions

1.2.1 There are no known hazards associated with the 3CR Bio 8-Channel Handheld-Capper when it is operated in accordance with the instructions in this manual

1.2.2 The equipment should only be used in a manner specified by the manufacturer. Other uses may cause damage to the equipment

1.3 Environmental Operating Conditions

1.3.1 Operating Temperature: 5-35°C

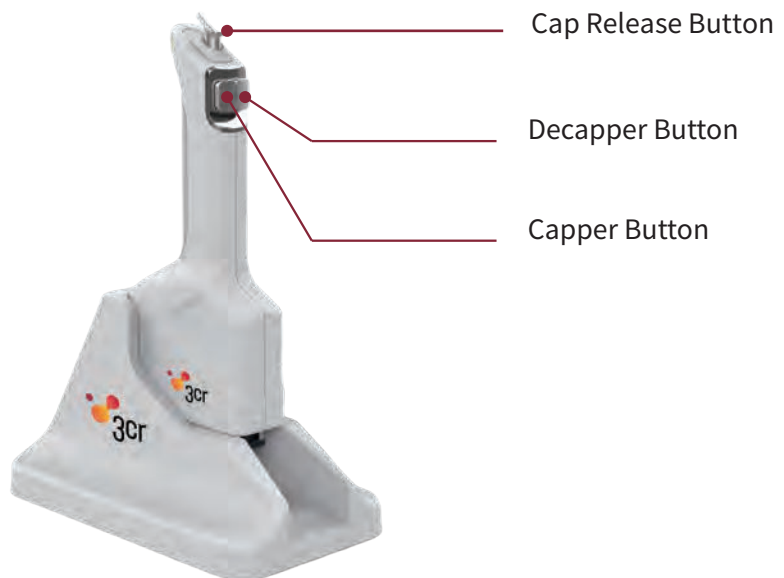
1.3.2 Relative Humidity: 10-95%

2 Unpacking

2.1 Included in this packaging should be the following:

- 1) 3CR Bio 8-Channel Handheld-Capper
- 2) Charger base / stand
- 3) Operation manual
- 4) Power adapters
- 5) Empty tube rack

2.2 Relevant parts of the 3CR Bio 8-Channel Handheld Capper are identified on page 4





3 Basic Operation

3.1 Power Requirements

3.1.1 Power supply input: 100 V-240V AC, 50/60 Hz


3.1.2 Power supply output: 10.0V DC, 1.0 A, constant voltage

3.2 Decapping/Capping Technique

3.2.1 Hold the Handheld-Capper in one hand so that your thumb is able to press the Cap Release, Capper and Decapper buttons

3.3 Decapping

3.3.1 Place the Handheld-Capper over a row of tubes to be decapped, making sure that the ejector plate is parallel with the top of the tube caps

3.3.2 While lightly pushing down on the tube caps, press the “” button on the handle to make sure all of the caps have been seated properly into the cap drivers on the capper head

3.3.3 Once all of the caps are seated, press the “” button on handle until the tubes are decapped

3.4 Ejecting Caps

3.4.1 Once the tubes have been decapped, line up the handheld-capper with an empty row on the spare tube rack provided


3.4.2 Insert caps into cavities in empty tube rack

3.4.3 Push ejection trigger rod

3.5 Capping/Recapping

3.5.1 Apply the caps from the tube rack onto the cap drivers on the capper head.

3.5.2 Line up the handheld-capper with the row of tubes to be recapped, making sure the ejector plate is parallel with the tubes and place on tubes

3.5.3 Press the “” button to re-cap. DO NOT push caps on. Let the caps screw onto the tubes

3.5.4 Once the caps are securely on the tubes, push the cap release button to remove the caps from the cap drivers

3.6 Charging the Handheld-capper

3.6.1 Place the handheld-capper into the charger base / stand

3.6.2 The handheld-capper will automatically charge when in the charger base / stand if plugged into a wall socket

3.6.3 The handheld-capper takes approximately 2-3 hours for a full charge.



3.6.4 For added ease and convenience, the handheld-capper features:

- Two-color LED lights at the top of the handle
- LED alternatively blinking **Red** & **Green** = Charging
- Solid **Green** = In operation or charge complete

3.6.5 For long-term use, it is recommended that the handheld-capper should not be kept connected to the charger for a long time to avoid shortening the life of the battery

4 Maintenance and Service

4.1 Decontamination

4.1.1 The entire 3CR Bio 8-Channel Handheld-Capper can be cleaned with most common laboratory disinfectants but must not be submerged in liquid

4.1.2 This instrument contains electrical components that cannot be autoclaved

4.1.3 Steps to disinfect:

- Wet a cloth with the desired disinfectant
- Wipe down handheld-capper making sure not to drip disinfectant into the inner cavity

4.1.4 Suggested Disinfectants:

- Alcohol Wipes

4.2 Service/Maintenance

Service the 3CR Bio 8-Channel Handheld-Capper after 30,000 cycles or 1-year of continuous use, whichever occurs first

5 Disposal

The disposal of the 3CR Bio 8-Channel Handheld-Capper is the responsibility of the customer and must be done in an environmentally responsible manner

6 Warranty

6.1 A 12-month warranty is included with the 3CR Bio 8-Channel Handheld-Capper



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