

# Crystal Meso

## Aesthetic mesotherapy



### **New portable medical device for automated, fast and precise injection of treating active ingredients.**

The Crystal Meso injector is an innovative, automated and portable device that optimizes drug and active ingredients delivery protocols. In the form of a pistol and particularly light, the device is easily manipulated and reduces the effort during care. Equipped with precise and configurable control functions thanks to an easy-to-access digital interface, the device can be quickly taken in hand and has all the necessary attributes for a controlled, stable and safe injection procedure. Time-saving, fast and optimal configuration according to the type of treatment, to optimize the results during the injection as well as the productivity during the treatment, the Crystal Meso injector can be used with sterile multi needle heads specially designed for fit on syringes of various sizes. Unlike other medical devices, the Crystal Meso injector is designed with a C-type charging port that can be used without the power cords so that the user can charge with all USB charging methods. The battery can be recharged completely 3000 times before being replaced and a complete charge allows the treatment of about 20 patients.

### **Modularity and simplified configurable procedure**

Classified in Level 2 medical equipment, the Crystal Meso injector must be handled and used by doctors and health professionals to avoid any risk of injury or complications. Powered by an electric motor, the injector is easily adjustable thanks to an intuitive digital interface. Needle type used, solution quantity to be injected, speed and number of injections ... all the parameters of the procedure can be adjusted before treatment. Depending on the purpose of the protocol and the quantity of product to be delivered, the most suitable syringe type can be mounted on the piston holder which will push and inject the solution according to the previously defined settings. For maximum patient satisfaction, a suction function and a range of multi-needle heads specifically designed to be adapted to syringes are proposed to reduce treatment duration and pain.

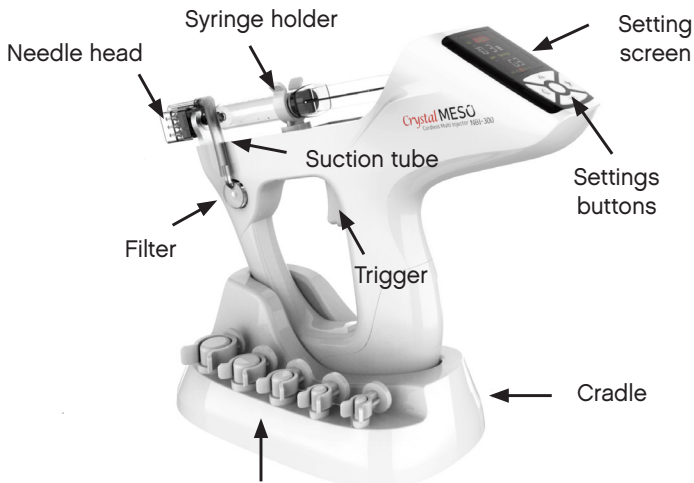


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### Multiple and varied fields of application thanks to a modular handpiece.

Crystal Meso has a piston handpiece with 1CC syringes, 1CC glass, 3CC, 3CC, 5CC and 10CC glass with interchangeable heads.



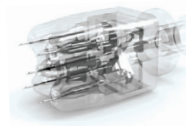
Spare syringe holders for receiving syringes of different sizes



Syringes with specific interchangeable heads



9 needles head with suction mode.  
Needles - 32G - 1.0 mm or 1,2 mm  
Recommended use : Face.



5 needles head without suction mode.  
Needles - 32G - 1.5 or 2.0 mm  
Recommended use: Hairs.  
Needles - 32G - 3 mm  
Recommended use : Double chin.  
Needles - 32G - 4.5 mm  
Recommended use : Body.

### Technical characteristics

Purpose	Solution delivery system device
Package	1 Set
Electrical characteristics	In put : AC 100-240V, 50-60Hz, 1.2A Out put : DC24V, 1.7A
Security function on electrical damage	Class 2 medical equipment
Size / Weight	235mm x 45mm x 165mm(L, W, H) / 363g (device)
Type of syringes	Normal : 3cc, 5cc Glass : 1cc, 3cc, 5cc

### An intuitive interface for precise adjustment and adapted to each type of syringe and protocol.

Crystal meso offers a simple administration interface to use. All options can be adjusted quickly and the user can see the result of the on-screen adjustment. The user can adjust the parameters such as : size of the syringe (1cc, 3cc, 5cc and 10cc), total injections number, injection speed, presence of suction mode or not and suction level, interval between injection ...

#### ► Interface functions available to adjust the device :

**1. Shot :** The function is used to define the number of shots to be made for the defined quantity of solution. The quantity can be changed gradually up to 200 shots. A «C» mode is the continuous mode that allows continuous injection by holding the trigger down.  
**2. Solution :** The function is used to define the amount of solution inside the syringe. With the button, each click increases or decreases by 0.5 on a scale from 0 to 3.0.  
**3. Speed :** The injection speed is strongly related to the pain. The function makes it possible to set the injection speed from 1 to 5 (1 represents a slow speed and a faster injection time). Generally, a fast injection time causes more pain for the patient.  
**4. Suction :** The function allows you to set the suction power from 1 to 3. A higher number means a higher suction power. An «N» mode (non-aspiration mode) can be used with the 5pin multi needle for scalp treatment.  
**5. Syringe :** The function allows you to set the syringe size used.  
**6. Memory :** The memory function allows you to save from M1 to M4 settings that you will use regularly.



Parameter interface placed on the head of the device.

**Capactuel**  
MEDICAL

Esthétique préventive et réparatrice