

**Motorize pipette controller**

**Specifications**

- Weight: 190g
- Operating and charging temperature +10°C to 35°C
- Pipetting Speed: 50ml in less than 10 seconds
- For glass and plastic pipettes from 0.1 to 200ml
- Approx. twelve hours of continuous pipetting (with a 10ml pipette)
- Without recharging Battery pack: Lithium battery 2.4V/700mah



**Operating comfortable:**

Ergonomic handgrip, weight only 190g, perfectly balanced design - for fatigue-free pipetting even in prolonged operations.

**single-handed operation :**

With pipette controller, you have continuously variable speed control using just two buttons. In addition, you can select your preferred maximum motor speed to improve sensitivity and control with low-volume pipettes.

**powerful and quiet:**

At maximum motor speed, a 50 ml pipette is filled in less than 10 seconds. Now that's fast! Motor and pump operate quietly and with very low vibration. The longer you use it, the more you will appreciate it.

**advanced charging :**

The intelligent battery charger prevents overcharging of the lithium battery. It effectively reduces the lazy-battery effect (shortened operating time due to premature recharging). No need to worry about having enough battery power left to finish your series. A flashing LED light will alert you approx. two hours in advance.

Foldable stand



Foldable stand  
可折叠的支架

**Order information**

Cat.No.	Part No.	Colour
8011160	TEL01	Dark blue
8011161	TEL02	Magenta
8011162	TEL03	Dark Green
8011163	TEL04	Gray
8011164	TEL05	Dark blue (with steel wire stand)

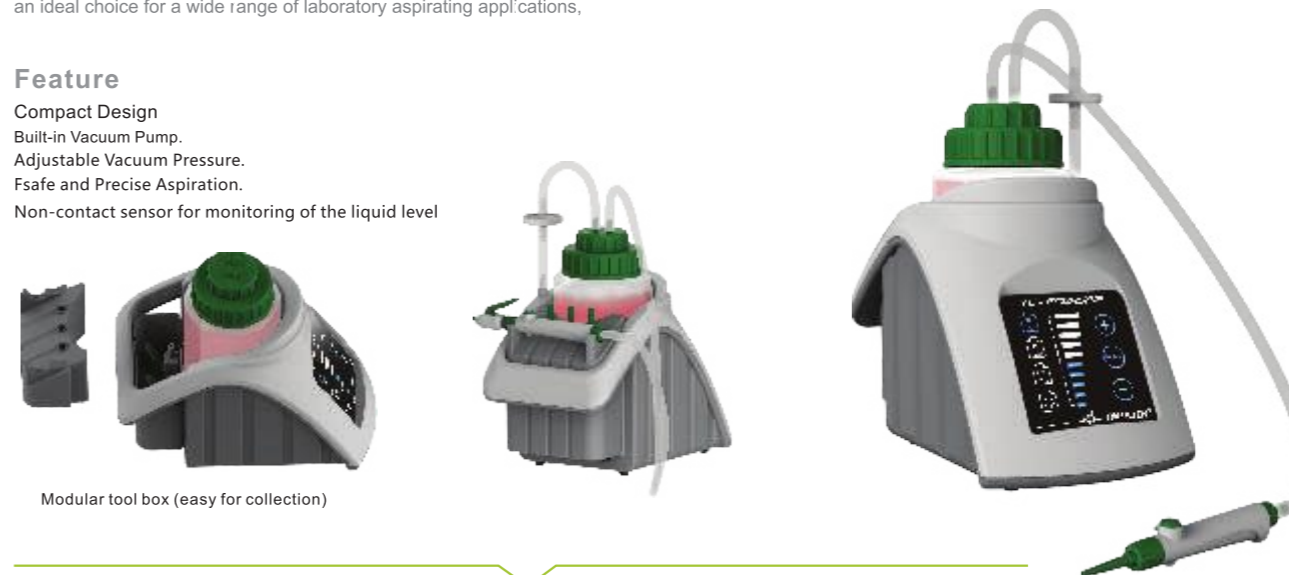


**ECOASPIR Aspirator**

ECOASPIR vacuum system for aspiration and disposal of biological fluids, providing outstanding levels of comfort and safety for working with biological and biohazardous materials. A non-contact sensor monitors the liquid level in the collection bottle electronically and prevents overflowing. The vacuum level – and thus the suction force – is exactly adjustable by the electronic touch panel and allows a sensitive and reproducible operation. It is an ideal choice for a wide range of laboratory aspirating applications.

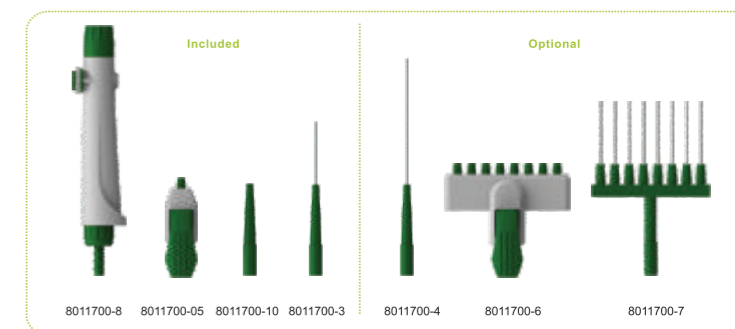
**Feature**

- Compact Design
- Built-in Vacuum Pump.
- Adjustable Vacuum Pressure.
- Safe and Precise Aspiration.
- Non-contact sensor for monitoring of the liquid level



**Specification**

Aspiration Rate	14ml/sec
Vacuum Range	-30mbar to -750mbar
Vacuum Pump	Oil Free, piston pump
Dimensions (L X W X H)	15x15x25cm
Weight	2.5kg
Electrical	115V-60Hz or 230V-50Hz



**Order information**

Cat.No.	Part No.	Specification
8011700	TC-ECOASPIR	ECOASPIR Aspirator Includes base with internal vacuum pump, 2L polypropylene bottle, handheld vacuum controller and single channel adapters, silicon tubing.
8011700-1	ESP-B1L	1L glass bottle
8011700-2	ESP-B1/2L	0.5L glass bottle
8011700-3	ESP-1DS40	Single channel stainless steel fine tip (40mm)
8011700-4	ESP-1DS80	Single channel stainless steel fine tip (80mm)
8011700-5	ESP-1DT	Single channel adapter
8011700-6	ESP-8DT	Eight channel adapter for 200µl pipette tips
8011700-7	ESP-8DS	Eight channel stainless steel fine tip
8011700-8	ESP-HVC	Handheld vacuum controller
8011700-9	ESP-HF	A Hydrophobic filter
8011700-10	ESP-FDP	Single channel fast tip
8011700-11	ESP-TB	Extra tubing, 1 meter