

All technical data presented represent typical results, unless stated otherwise as min/max values. No guarantee is made that material will meet exactly the values shown.

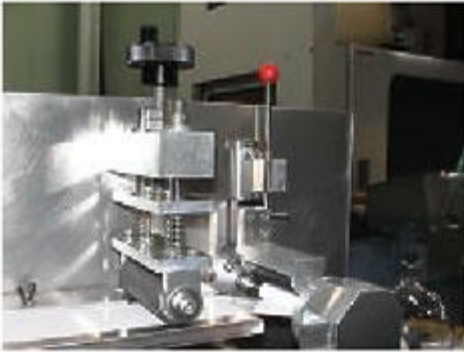
## HSWM Semi-automatic Winder

Electrode Winder: Model# HSWM

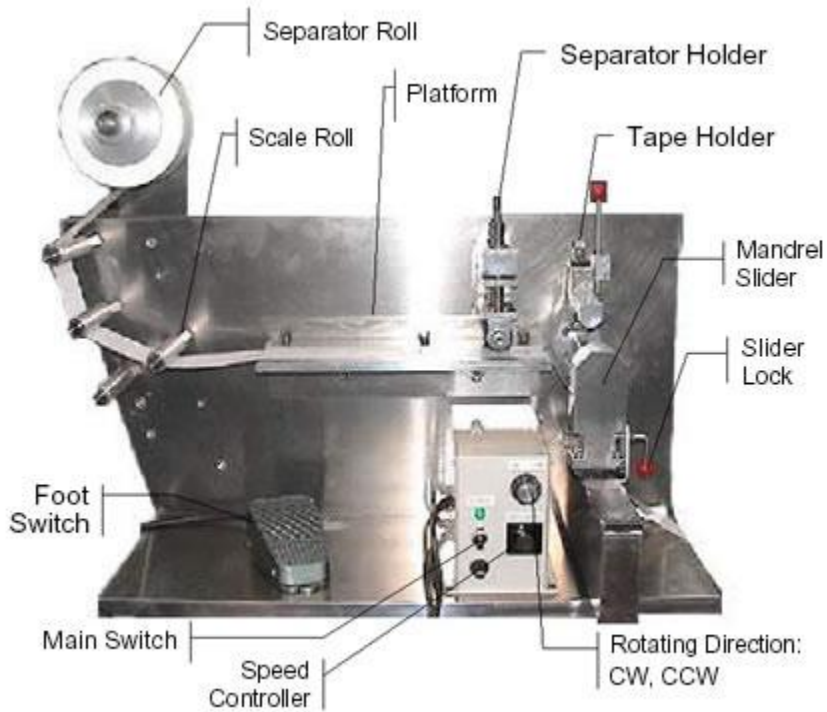
### 1. Objective:

This machine is to wind electrodes and separators for two lithium-ion batteries; cylindrical rolls, and prismatic rolls. It is compatible for both types by changing its mandrel, which is rotated by a motor. One can simulate a winding process of LIB making in a compact space.

| 2. Specifications  |  |
|--------------------|--|
| Battery:           | Li-ion   |
| Battery Size:      | 18650, or prismatic roll (to be defined by User) |
| Platform Size:     | 350mm (L), 70mm (W)                              |
| Mandrel Size:      | 5mm, or TBD by User                              |
| Mandrel Speed:     | Max.150rpm                                       |
| Separator Tension: | Max.12kgfcm                                      |
| Electricity:       | Single AC100V 50/60Hz, 1.3A                      |
| Weight:            | Approx.50kg                                      |
| Size: W x H x L:   | 800x600x490 in mm                                |



### 3. Exterior



**Application:** Advanced energy

**Product type:** Machinery

**Production scale:** Lab

**Search tags:** Winder, Hohsen, Machinery