

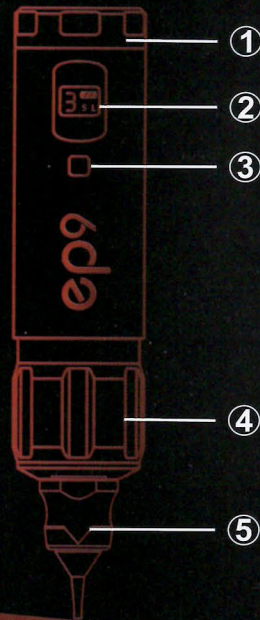


ep9

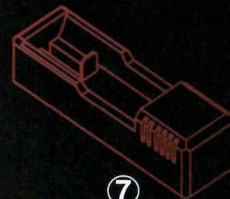
**WIRELESS PEN**  
Instruction Manual

# GT PEN<sup>®</sup>

@avatattoosupply



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## Machine List

- ① Machine Cap
- ② LED Screen
- ③ Control Button
- ④ Grip Adjuster
- ⑤ Cartridge Needle
- ⑥ 18500 Battery
- ⑦ Battery Charger
- ⑧ Type-c Cable

## Technical Data

- Model: EP9
- Material: Aircraft Aluminium
- Motor: AVA motor  
(Metal Brushless DC Motor)
- Power intake: 5W
- Motor Speed: 11000(rpm)
- Stroke: 3.5mm
- Needle Protrusion: 1.5-5mm
- Battery Type: 18500 Lithium-ion
- Battery Voltage: 3.7V
- Rated Capacity: 1900mAh
- Charging Input: 5V / 1A
- Diameter: 33mm
- Length: 124mm
- Weight: 162g (without battery)

## LED Screen

### ① Power Indicator

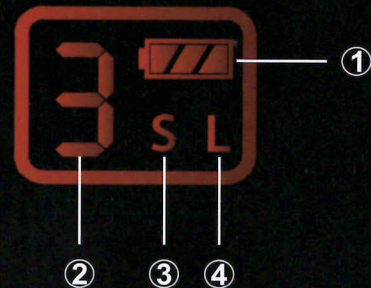


### ② Machine Setting

1 2 3 4 5 6 7







### ③ Shader Mode

### ④ Liner Mode



## Control Button

### Turn ON/OFF & Pause

- Hold  button for 1 second to turn power on unit.
- Press  button to put machine into working or pause mode.
- In pause mode, Hold  button for 2 seconds to turn OFF.
- In working mode, Hold  button to use tilt adjust function.  
Tilt machine to desired setting and release  button to resume working.
- Double-click  button to switch between liner and shader mode.

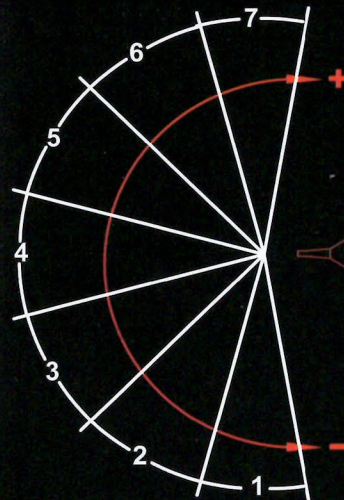


## Machine Setting

### Shader Mode

1 = 4.2v/55Hz  
3 = 7.2v/95Hz  
5 = 9.0v/120Hz  
7 = 11v/145Hz

2 = 6.0v/80Hz  
4 = 8.2v/110Hz  
6 = 10v/130Hz



### Liner Mode

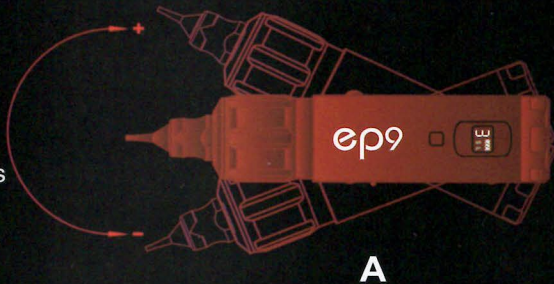
1 = 4.2v/70Hz  
3 = 7.2v/110Hz  
5 = 9.0v/130Hz  
7 = 11v/155Hz

2 = 6.0v/95Hz  
4 = 8.2v/125Hz  
6 = 10v/140Hz



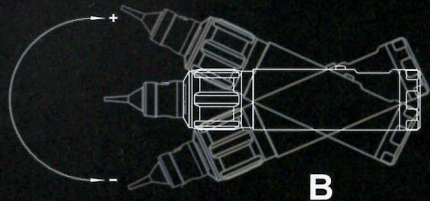
## Adjust Location

- The best angle to use the tilt voltage adjustment feature is show in diagram A. Other angles such as diagram B may reduce tilt sensitivity.



- Built-in Jumpstart function

Built-in jumpstart function for settings 1-5. Be careful for first two seconds upon switching to working mode.



## Needle Protrusion

- Turning clockwise reduces the needle protrusion length



- Turning anticlockwise increases the needle protrusion length



## WARNING

- BEFORE FIRST USE, CHARGE FOR A MINIMUM OF 3 CONSECUTIVE HOURS TO ENSURE THE MAXIMUM OUTPUT AND LIFE OF YOUR BATTERY.
- DO NOT DISASSEMBLE, PUNCTURE, CRUSH, HEAT OR BURN
- Protect the battery from heat (such as from continuous sun exposure), fire and immersion into water. Do not store or operate the battery near hot or flammable objects. There is a risk of explosion.
- When not in use, keep the battery away from paper clips, coins, keys, nails, screws or any other small metal objects that cause the contacts to be bridged.
- A short circuit between the battery contacts may cause burns or result in a fire.
- Do not place the charging unit and the battery near flammable materials. Only charge the battery in dry state and at a fireproof location. There is a risk of fire due to the heat that builds up while charging.
- The battery must not be charged unsupervised.



## WARNING Battery installation



## NOTICE

Warranty is void if machine is damaged due to incorrect battery installation.



**WARNING:** BATTERY MAY EXPLODE OR CAUSE FIRE IF MISTREATED.  
DO NOT DISASSEMBLE OR DISPOSE OF IN FIRE.  
DO NOT CHARGE EXCEPT SPECIFIED CHARGING CONDITION.  
DO NOT HEAT ABOVE 212°F, OR SHORT CIRCUIT.  
DO NOT CRUSH OR MODIFY.