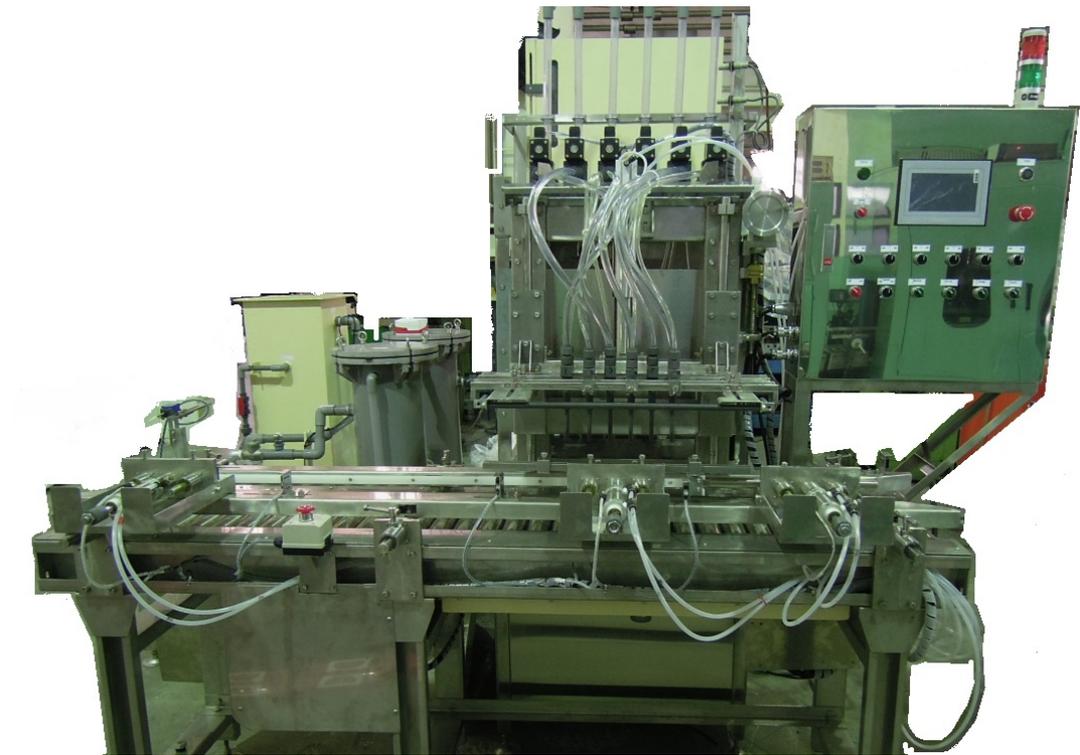




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## Fully Acid Level Adjustment and Filling Machine for Automotive Battery

### TCKFA-1AC



#### Description:

This is fully automatic acid leveling machine for automotive battery. It is for adjusting battery's electrolyte (acid) after jar formation.



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## Feature:

- This machine is suitable for JIS & DIN automotive battery types.
- Acid tank refilling unit: pneumatic diaphragm pump model: ARO-15.
- Acid vacuum unit: water sealing vacuum pump with water circulation system.
- Acid vacuum and acid refilling could work individually by time setting.
- Use human machine interface on system control.
- Cycle time: 12 ~ 15 seconds a battery.
- Accuracy:  $\leq 1\%$
- Motorized rolling conveyor equip with inverter, gear reducer, and brake clutch for stable transmission.
- Material:
  - Machine main frame: SUS316
  - Acid tank: PVC
  - Control panel: SUS304
  - Vacuum pump: SUS316
  - Filling head positioning tooling:: SUS316 and non-metal material
  - Filling tube: PVC or ABS (6 pcs)
  - Conveyor roller:: SUS316 with SUS402 bearings
  - Roller running gear & chain: steel (with protection on top)
- Touch roller and near roller makes the rewinding better.
- Oscillation unit improves the roll life and extends roll changing cycle.

## Utilities Requirement:

- Electricity: 4.5KW, voltage and frequency to suit customer's specifications.
- Compressed air consumption: 7.2m<sup>3</sup>/Hr at 5kg/cm<sup>2</sup>

## Dimension and Weight:

- Approx: 2900(L)×2800(W)×2100(H)mm
- Weight: Approx. 1,000 KGS