



# KA-83 PCB Brushing Machine Operation Manual

## A. Function :

KA-83 targets on brushing off and polishing any residuum on PCB, such as tin balls, flux marks , trail traces, repair signs and etc., after the process of soldering tin, especially after 洗助錫劑. The brush is made of natural white bristles and never hurts PCB. Also, the brush can reduce static electric factors to minimum. KA-83 enhances production efficiency and quality; one machine can substitute five workers.

## B. Operation :

1. First of all, adjust four supporting frames to be stable on the ground. And, plug on and test if it operates normally.
2. Prepare a flat steel plate or plastic plate, which size is similar to your PCB. And pour on cleanser and put a sponge that is same to plate's size, so PCB can moisten from cleanser.
3. Take a PCB and touch the side that you wish to clean with sponge. After moistening some cleanser, put PCB on rotating brush to polishing. The time length depends on how your company's standard is and what type of residuum is.
4. For the best result, suggest moistening cleanser on PCB before brushing. PCB can be polished without cleanser, but it takes longer time and tin spots cannot be shiny.
5. The brush is consumption good. Normally, under standard process, its life-span is around one month. While the brush bristles are worn and torn, you could purchase additional new one or send back to us to re-weave bristles on the brush.

## C. Maintenance :

1. If feel the speed of rolling brush slows down or the strength weakens during polishing, the belt may loose or break. Please, demount the back board to adjust, tighten or change the belt.
2. If any questions or unclear parts, welcome to phone us for problem shooting.

※ Generally explain the basic operation above. If any further questions, welcome to contact us. Ren Thang will sincerely solve problems for you. Need change or purchase spare parts, just fax or email us back the drawings with spare part number on them. We can mail back to you.

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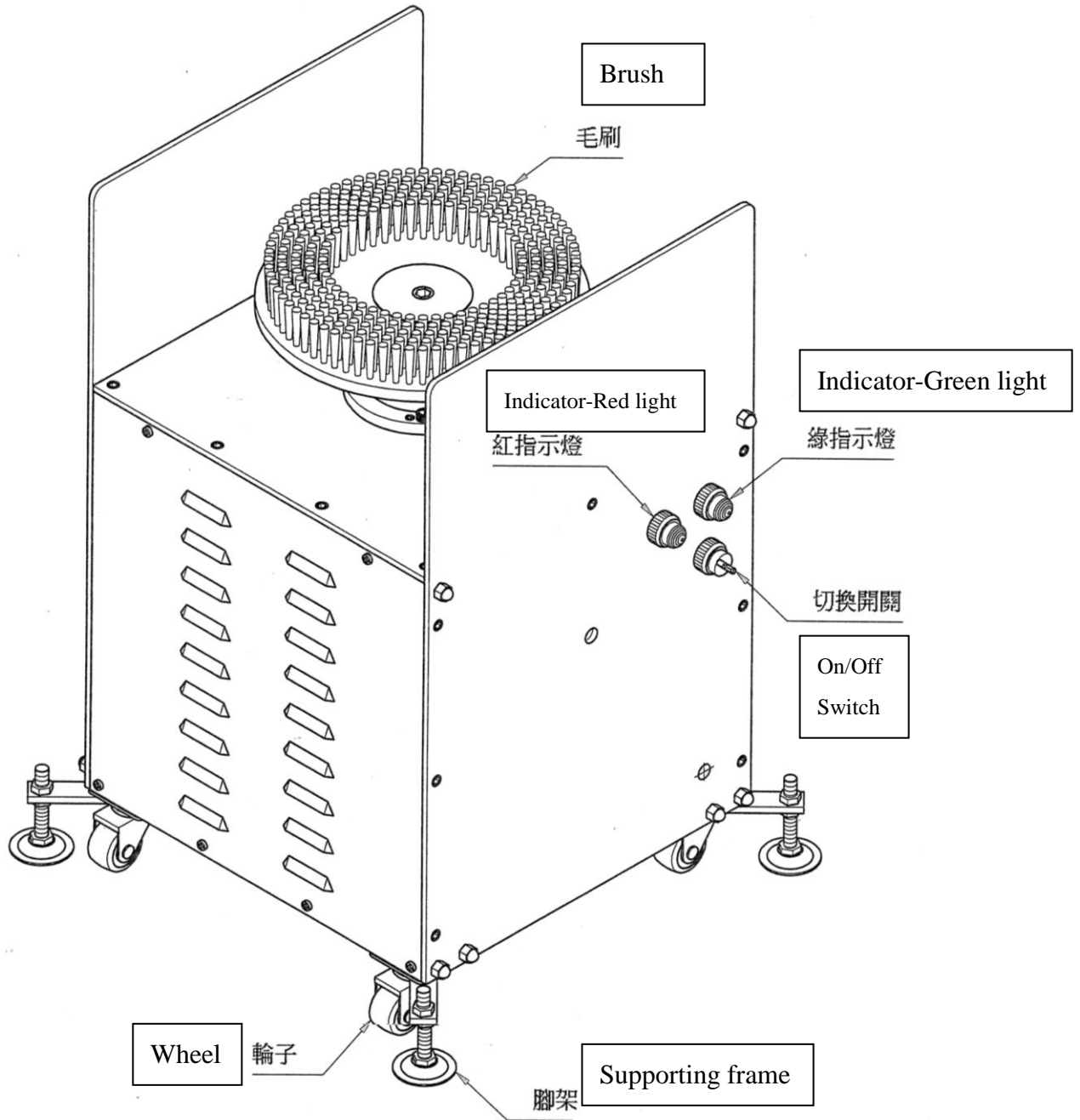


FIG-1



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