

Hakko extends support to IPC 10 years celebration in India Region

IPC India Marketing Manager Sonam Gupta had candid chat with HAKKO Representative. HAKKO has been associated with IPC India activities since 2012



IPC: Please tell our members about Hakko?

HAKKO: HAKKO Corporation is the globally recognized leader in soldering products. HAKKO is the world's leading manufacturer of soldering, de-soldering, PCB rework, smoke and fume extraction equipment and related accessories for major global electronics and industrial manufacturers across all sectors. A hidden gem of the Far East, HAKKO established itself as a high quality, reliable and customer-focused organization more than 60 years ago in Japan.

IPC: Please provide information on your company's India operation?

HAKKO: HAKKO has partnered with Sumitron Exports, company based out of New Delhi, India for marketing Hakko products and services. Started in 1986, Sumitron represents and supports Hakko products. They are an ISO 9001: 2013 Certified Company and distributors for the Indian Electrical, Electronics, Automobile, Pharmaceutical & Telecom industry.

IPC: What made you decide on IPC IEMI sponsorship?

HAKKO: HAKKO has been regularly supporting IPC global offices around the world in organizing expos and events. We have been premier sponsor at IPC's Hand Soldering Competition held at different countries. We do have close engagement with IPC brand. Regarding India activities, we are closely engaged with IPC India team. IPC India training & certification from 2010 have given great value to Indian electronics manufacturing Eco-system. Hand soldering competitions have provided great motivation to skilled workforce and raised the bar of professionalism in the industry. Hakko would like to engage with IPC brand for disseminating of knowledge to industry. We are associated IPC India activities very long. We love to visit New Delhi and Bangalore, meet industry colleagues in person.

IPC: Your suggestion in validating performance of soldering stations?

HAKKO: Companies using soldering iron, need to understand the importance of keeping the unit functional within factory specifications. We at Hakko understand our clients' needs and suggest them to validate the soldering iron's performance. Any soldering station can be verified to be operating within its established specifications or to the current IPC J-STD-001 recommendations. It is best practice to periodically verify that the soldering iron is operating within specifications and meets or exceeds any defined tolerances for temperature stability and accuracy. Verification would be necessary when a variance is found between the display "Reference" temperature and the actual temperature being measured, or anytime change in soldering tip, heater, or soldering handpiece.

IPC: Do you see any effect on Automation in hand soldering process?

HAKKO: When it comes to the hand soldering process, automation has been limited. Most major manufacturers of soldering equipment have either soldering components to integrate with various automation components and/or platforms or have complete turn-key systems. They are all designed to improve repeatability in the hand soldering process. As a good rule of thumb if any company is considering automation of the hand soldering process, it is best to get answer to the questions

such as following:

- Is the target for the solder joint easy to reach?
- Is the pad size greater than 1mm in diameter?
- Is the lead protruding from the solder source side in a consistent position?
- Do we have a fixture that can hold the assembly in a consistent location?

The Hakko HU-200 is a 4-axis robotic soldering system. The HU-200s use of its own joystick controls, easy input button, and easy to program software enable the user to create and work on various soldering applications using point soldering or drag soldering methods.

IPC: Your message to customers?

HAKKO: Dedicated to meeting the ever-growing demands for soldering and electronic assembly, HAKKO takes pride in our people and our products. In fact, the essence of the HAKKO culture is to help connect valuable components with soldering. With more than 60 years of experience in soldering technology, we are able to anticipate our clients' needs, exceed their expectations, and deliver the best soldering for all kinds of parts and products in a range of environments. While producing the highest quality products is priority, HAKKO also believes in providing hospitality-level service on the level akin to a five-star hotel or restaurant.

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