

# HAKKO TECH TIPS

## APRIL 2021



### HAS5000 Long Life Sensor

For optimum soldering performance it is critical technique to ensure regular equipment maintenance is performed including the accurate setting of iron / tip temperature.

Hakko has released a new, improved and long lasting Sensor to replace their H191-212 series from the FG100 Thermometers.

#### Rationale for regular tip temperature measuring -

The biggest setback of all soldering/ desoldering and rework stations is the inaccuracy of their temperature readings over time. Incorrect tip temperatures can be caused by the oxidation of the tip, tip enclosure, nut etc. as well as changing the tip shape.

Incorrect temperature can cause damage to the PCB or component you're working on, it can also slow down the efficiency of the soldering job and shorten the life of the consumables.

Incorrect temperatures are also frustrating and annoying.

That's why it's important to calibrate your soldering iron regularly using the Hakko FG100B and the introduction of the new HAS5000 sensor, takes this process to a more reliable and cost effective level.

#### HAS5000 Sensor Improvements –

- *Quick and easy to change (Seconds rather than minutes to replace).*
- *Solid and unique construction*
- *30 times more life than the previous sensor*
- *Temperature measurement with the conventional sensor (H191-212) tends to degrade after 50 measurements, the same level of degradation does not occur until 1,500 measurements in case of the HAS5000*
- *1 piece of AS5000 is equivalent to 30 pieces of the conventional sensor*



HFG100B with HAS5000 Sensor Thermometer



Old Sensor H191-212



HAS5000 Sensor

