

IAPCOMP - DIGITAL



Precision



Wifi



Ethernet



Rs232



Mass Storage



Summation



Probe Mixing



Air Saving



Seven Segment Display



No of Channel



No of Channel



ADVANCED FEATURES

- * Single/ Twin/ Three/ Four channels Air based guage.
- * Single/ Two/ Three/ Four channels possible with built in piezo technology based sensors. No moving diaphragm like parts.
- * **In DIGITAL** Piezo channel operates in full differential mode of operation. This reduces errors caused due to temperature, electrical noise etc.
- * Compact and rigid metal body.
- * Separate seven segment bicolor displays for each channel.
- * 16*2 character function display and bicolor 7 segment Display for Accept, Reject rework.
- * Tolerance setting: change in display color for accept (Green) and reject (Red) and rework (Yellow) job conditions on seven segment display.
- * RS 232 port for computer interface.
- * Auto measurement on plug insertion.
- * In to the job, measure and transfer to PC.
- * Measuring Reading possible on foot switch.
- * 25 no of programs can be stored
- * Buzzer sound for out of range
- * Part counter
- * Multiple Channels Calibration at Single go
- * Single or dual master setting

- * Potential free relay for Accept, Reject, Rework for each channel.
- * Support various expression mode. min-max, max, min, average, dynamic and static.
- * Two channel/ two characteristics visible at a time on display. (for two channel option)
- * Four channel/ four characteristics visible at a time on display. (for four channel option)
- * Wrong calibration sequences direction & auto correction.
- * Optional WIFI/ Ethernet/ USB, Pendrive (suitable for industry 4.0)
- * Target program up to 9999 nos can be set.
- * Data storage of 7500 jobs possible.
- * Display can be set to inch or mm.
- * Resolution 0.005, 0.001, 0.0005, 0.0001 mm.
- * Single master, dual master operation.
- * ID, OD selection.
- * Absolute or Increment measurement mode.
- * Ultra precision series available on request
- * Operates on 1.6 mm jet size
- * Password protection
- * External keyboard for calibration
- * Mention only Auto Air-cut off (no of channels not required)

OPTIONAL FEATURES AND SPECIFICATIONS

- * Wi Fi connection
For data transfer to multi user server based **IAP- OG DCOLLECT** software for SPC & analysis and data management.
- * Serial Data Out
For single use SPC analysis. **IAP SPC V3** software available.
- * **LVDT/ quqdature/ hybrid** pneumatic models available refer respective catalogs
- * Auto Air control optional for one channel model.
Cuts Air automatically when system is not in use & starts Air automatically when you start using guage.
- * Fanuc / Seimens interface for auto offset correction. Multiple **CNC/ VMC**
auto offset correction possible by using Rs485 bus / relay interface. * refer IAP autocorrect catalog separately.
- * Tower Lamp Indication.
- * Wireless Interface/ Ethernet communication ports or USB Pendrive interface.
- * Input air level low indication optional.
- * 8 digital outputs, 8 digital inputs, foot switch
- * Jet size other than 1.6 mm available on request
- * Various other manufacturers plug adaptors available.

