

IAPCOMP - COMP BG-C



- Precision 
- Wifi 
- Ethernet 
- Rs232 
- Mass Storage 
- Summation 
- Probe Mixing 
- Multi Channel 
- Bar Display 
- Graphic Display 
- Spc 

ADVANCED FEATURES

- * Single/ Double/ Three/ Four channel Air based guage.
- * Built in piezo technology based sensors. No moving diaphragm like parts.
- * **In BG-C** Piezo channel operates in full differential mode of operation. This reduces errors caused due to temperature, electrical noise etc.
- * Compact and rigid metal body.
- * 3.5 inch full tft color graphic display (320*240 pixels)
- * 101 Multicolor LED bar display for each channel and multicolor tolerance indicators. Different color for Accept, Reject network.
- * RS 232 port for computer interface.
- * Very simple operation with menu guide.
- * Built in SPC charts like Run chart/ Control chart/ histograms.
- * Auto measurement on plug insertion.
- * In to the job, measure and transfer to PC-
- * Measuring, Reading possible on foot switch.
- * Single or dual master setting.
- * Potential free relay for Accept, Reject for each channel.
- * Support various expression mode. min-max, max, min, average, dynamic and static.
- * Wrong calibration sequences direction & auto correction
- * 25 no of programs can be stored
- * Buzzer sound for out of range
- * Optional Wireless Interface/ Ethernet/ USB, Pendrive (Suitable for Industry 4.0)
- * Target program up to 9999 nos can be set.
- * Data storage of 9999 jobs possible.
- * Display can be set to inch or mm.
- * Resolution 0.001, 0.0005, 0.0001, 0.005.
- * Single master, dual master operation.
- * ID, OD selection.
- * Absolute or Increment measurement mode.
- * Available bargraph range.
 - 0.004 to +0.004 mm / -0.2 mil to +0.2 mil
 - 0.040 to +0.040 mm / -2 mil to +2 mil
 - 0.400 to +0.400 mm / -20 mil to +20 mil
 - 4.0 to +4.0 mm / -200 mil to +200 mil
- * Columns display with zero on top/ bottom/ center available.
- * Multi keyboard for easy entry.
- * Alphanumeric program names.
- * Ultra precision series available on request.
- * Operates on 1.6 mm jet size.
- * Part counter
- * Multiple Channels Calibration at Single go
- * Password protection

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/** quqdrature/ hybrid pneumatic models available refer respective catalogs
- * Fanuc/ Seimens interface for auto offset correction. Multiple **CNC/ VMC**
auto offset correction possible by using Rs485 bus / relay interface. * refer IAP autocorrect catalog seperately.
- * Various other manufacturers plug adaptors available.
- * Wireless Interface/ Ethernet communication ports or USB Pendrive interface.
- * Input air level low indication optional
- * 8 digital outputs, 8 digital inputs, foot switch
- * 4 Relay optional for additional interfaces.
- * Jet size other than 1.6 mm available on request
- * IAP OG Bus interface for OG series of sensor interfaces.
- * Optional- 8 External key interface possible.
- * Mathematical formulation (VIZ cylindricity etc) possible on request.

