

EcoGage 7V8008



Feature	Description
Number of Channels	Maximum 8 (Upto 8 LVDT or 8 Piezo or LVDT+Piezo)
User Interface	7 Inch Colour Touch Screen Display
Hardware Keys	12 (6 Function Keys + 6 Navigation Keys)
Number of results	Up to 16
Number of Setups	100
Number of Layouts	4
Result Views	Dial, DRO, Run-Chart (With and without Solid background), Bargraph
Result Modes	Current, Minimum, Maximum, Average, Difference
Dimension Types	Linear and Angle (Half, Full and Average Angle)
Linear units	MM, Micron, INCH
Angle units	DMS (Degree Minutes Seconds), Decimal Degree
Linear Resolution	0.1, 0.2, 0.5, 1, 2, 5, 10 Micron
Angle Resolution	1, 2, 3, 4, 5 Decimals
Users	Quality Admin and Operator Login can be created. Max. 10 users limit. (Minimum access to Operator Login)
Digital Outputs	8 Digital Output Signals (Open Collector) Which can be Configured as Tolerance Indicators (Selectable results and AND/OR logics), Measurement Cycle ON, Measurement Cycle in Process, Dynamic Measurement Delay in process

Digital Inputs	4 Digital Inputs Which can be Configured as DI for Data Transmission, DI as External Trigger/Foot-Switch, Job Presence Sensor Input, Rejection Bin Sensor Input (in case of Reject Bin Poka-Yoke)
FootSwitch	1-FootSwitch Available
Communication Ports	2 Nos. RS232 (COM1, COM2), 1 Nos. RS485 (COM3), Ethernet, USB
Formula Editor	Result formula can be edited for combinations of Channels and or other results
Preset And Mastering	Step, Simultaneous (Group Mastering)
Tolerance	Nominal, Lower Set Limit (LSL), Lower Control Limit (LCL), Upper Control Limit (UCL), Upper Set Limit (USL)
Grading/Segregation	Up to 25 Grades/Divisions with 5-digit Alphanumeric Mark
SPC	Cp, Cpk, (Can be seen on Display of ongoing Measurements as per Configurable Subgroup size from 2 to 25)
Job Counters	Total Jobs, OK Jobs, NG Jobs. Given separate screen for result wise job counters display
Measurement Delays	Start-up Delay (0.1 to 9.9 Sec Stabilizing Time), Dynamic Timer Delay (0 to 999.9 Sec Time for Actual Measurement after which Data will be Saved)
Measurement Cycle	Auto Cycle (Auto Time Base) and Measurement Cycle (Trigger Based)
Auto Air Cut-Off	Auto Air Saving Mode (Air will be in full consumption while measurement while out of Measurement consumption will be cut by approx. 80 to 90%)
Job serial number	Auto increment or Manual entry for every measurement (up to 24 digits alphanumeric)
Auto Layout Switching	In case of Auto Measure Unit will View Automatically the Result Under Measurement on Screen Without any Trigger
Additional Displays	4 additional displays for all results (Configurable to NU, MAX, MIN, AVG, DIFF, Cp, Cpk, Pp, Ppk)
Shortcuts on main screen	Given shortcuts for Setup, Clock Settings and Results. Need to long press for 2 seconds (Only in Quality Login)
Serial Output String	On both COM ports we can send standard or FANUC Serial String (User Selectable)
CSV Files	For every measurement unit sends csv file to server (SmartServer Utility) and also update day wise csv file
Setup Files Restore/Back up	All Setup Files in Unit Can be Shared to USB Drive (Pen Drive) as backup, or Setups from other Similar Unit can be Loaded/Restored to this Unit

Force Mastering	Job counter based (on configured number of measurements unit will forcefully ask for Mastering)
Reject Bin Poka-Yoke	If enabled then for rejected job next cycle will start only if rejected part is placed in rejection bin and its sensor output detected as DI to unit
Result Correction	Result wise correction factor
Csv view	HTML View for CSV files (can view the measured readings on unit itself without opening reports)
DI/DO Extension	Optional on Extra Charge (Contact Supplier/Manufacturer) DI/DO can be extended in case of BCD Auto Offset function or Grade/Segregation Output Configuration
Low Air Pressure Indication	Optional on Extra Charge (Contact Supplier/Manufacturer)
Scanner Interface	Optional on Extra Charge (Contact Supplier/Manufacturer)
Fanuc Communication	Optional on Extra Charge (Contact Supplier/Manufacturer) for Auto-Offset Function through Serial Communication (RS232) or through BCD Configuration (Extended DI/DO)
Wi-Fi, Bluetooth	Optional on Extra Charge (Contact Supplier/Manufacturer)
GSM for SMS facility	Optional on Extra Charge (Contact Supplier/Manufacturer)