

EcoGage-7



<http://www.versacontrols.com>



1.1. Features: -

Features	Description
Output Channels	Maximum 8 (Up to 8 LVDT or 6 Piezo or LVDT+Piezo)
User Interface	7" inch Color Touch LCD display
Output Results	Maximum up to 32 per Part Setup
Part Setups	Maximum up to 100
Number of Layouts	32
Result Views	Dial, DRO, Run-Chart (With and without Solid background), Bar graph
Measurement Modes	CUR, MIN, MAX, Diff, AVG.
Dimension Type	Linear, Angle
Linear Units	Linear-: MM, INCH, microns
Angle Units	Angle -: DMS, Decimal Degree
Linear Resolution	Linear-: 0.1 μ m/ 0.2 μ m/0.5 μ m/1 μ m/2 μ m/ 5 μ m
Angle Resolution	Angle:- 1decimal,2decimal,3decimal,4decimal,5decimal
Users	Quality Admin and Operator Login can be created. Max. 10 users limit. (Minimum access to Operator Login)
Measurement Modes	CUR, MIN, MAX, Diff, AVG.
Measurement Angle type	Half Taper, Full Taper, Average
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, machine stop output

Digital Inputs	8 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), rework bin sensor, Machine stop reset, Low pressure input
Footswitch interface	1 footswitch Available
Communication Ports	2 Nos. RS232 (COM1, COM2), 1 Nos. 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
Report	Day wise
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), Measurement Cycle (Trigger Based), and other cycles are editable
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 17 digits alphanumeric) Scanner connectivity also
Memory	In built micro-SD card of 8GB for data storage