

Temperature Compensated Variable Snap Gages

Equipped with Albion's standard Tcomp II temperature compensating indicator with standard LVDT travel of $\pm .02$ inch (1 mm) and $.00001$ inch (0.00025mm) resolution before applying temperature compensation.



Frame ranges from 3" - 5" up to 29" - 33".



Also available with micrometer attachment on opposing anvil, for applications requiring frequent nominal dimension adjustment. A single setting master is all that is required for the entire range of the gage. The micrometer is used to adjust for difference between master and nominal size.



Tcomp II SPECIFICATIONS

- *Measurement range/LVDT travel: $\pm .02$ inch (± 0.5 mm)*
- *Resolution: 0 .00001 inch, 0.00025 mm*
- *Repeatability: $\pm 0 .00001$ inch, 0.00025 mm*
- *Storage for up to 19 part/feature definitions*
- *Temperature ranges*
 - Environmental: 32°F(0°C) - 125°F(51°C)*
 - Workpiece: 32°F(0°C) - 150°F(65°C)*
 - Humidity range: Maximum 95% relative non condensing.*
- *Response times*
 - 10°F change - 2.0 secs, flat surface*
 - 3.5 secs, curved surface*
 - 30°F change - 2.4 secs, flat surface*
 - 5.5 secs, curved surface*
- *Electrostatic discharge: Tested to + 15kv (I.E.C. spec. 801-2, 1984)*
- *Communications output: RS-232 Controller*
- *Weight: 10 oz*
- *Size: 3.75"x2.575"x2.375"*
- *Touch screen liquid crystal digital display, RS232 output option; rechargeable battery or A/C powered; user programmable tolerances and much more.*

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