

Order Code - 22236220.3.12N **Optimization of Control loops** 



## Specification:-

- Experimental unit for controller tuning digital controller, configurable as a P, PI or PID controller with interface for PC data acquisition card for PC
- Simulation software for different controlled system types, such as first and second order lags, time-delayed systems etc.
- Recording and evaluation of time response on PC
- Configuration software for process controller under Windows Vista or Windows 7 Controller
- Configurable as P, PI or PID controller
- proportional gain Xp: 0...999,9%
- Integral action time Tn: 0...3600s •
- Derivative time Tv: 0...1200s
- Process variables as analogue signals: 0...10V
- Controlled system simulation models with proportional, integral, first-order lag, second-• order lag
- Time-delayed response, non-linearity and limitation possible
- Required for Operation: 230V, 50/60Hz, 1 phase or 120V, 60Hz/CSA, 1 phase
- Set consisting of: -
  - 1 experimental unit
  - 1 data acquisition card

1 software CD with simulation software for controlled system models and configuration software for the controller

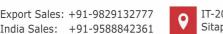
- 1 set of cables to connect the practice unit to the PC
- 1 set of instructional material

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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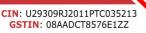


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