Simple Manual Engine or Motor Test Solution
- POWERLINK CGK1 Manual Controller

Configuration reference

www.powerlinkpt.com
info@powerlinkpt.com
CGK1 can be used with various types of eddy current dynamometer and hydraulic dynamometer. CGK1 supports the closed-loop automatic control on eddy current dynamometer excitation (or hydraulic dynamometer water gate) to meet the engine performance test and durability test requirements. It can also be used as the loading automatic control of transmission test and motor test.
2. Control Mode of CGK1

- **M**: The percentage of full-scale torque under constant torque control mode
- **n**: The percentage of full-scale speed under constant speed control mode
- **P**: The percentage of excitation current or water gate opening under position control mode
3. Simplest System Configuration with CGK1

Test object:
• Engine
• Motor
• Transmission
• etc.

CGK1 Dynamometer Controller

Eddy Current Dynamometer or Hydraulic Dynamometer
4. CGK1 Software (optional)
4. CGK1 Software (English interface can be selected)