1. Function
KYGC28-10(G) normal mine high-voltage vacuum switchgear

1.1 Power supply: 380V 50Hz, 3-phase, 4-wire.
1.2 Output voltage: isolated 3-phase, adjustable within a range of AC 0-127V.
1.3 High-voltage test: 10KV, 2000MA
1.4 Leakage timing: 999.999S
1.5 Lockout resistance value: 1-48KΩ

1.2 KYGC28 handcart high-voltage vacuum switchgear is used as the switch device for the power distribution, starting, control, commutation, double-current switching and so on of such equipment as high-voltage fan and water pump, applicable for the 3-phase AC high-voltage power supply system with 12KV or 17.2kV rated voltage and 50Hz rated frequency.

Multiple solutions of fan switching
The switching can be realized by 3-position high-voltage isolated switch with corotation, isolation and reverse; or by two sets of 5-pole vacuum contactors; or by changing the plug of the handcart. The structure can also be used as the switch cabinet of double-power supply switching, like double-power supply high-voltage switch cabinet for winch.

Multiple modes for starting motor
Such starting modes as direct starting, reactor voltage reduction starting, frequency sensitive rheostat starting and one driving X soft starting can be adopted in accordance with the max. allowable starting current of the system, load nature and engine type.

Advanced and complete protective functions
KYGC28 switch cabinet can be provided with protection of short circuit, over-current, leakage undervoltage and over-voltage in accordance with different applications. The protector adopts the traditional electro-mechanical relay, static multi-functional electronic relay or microcomputer integrated automatic protector with remote control, measurement and communication for no-guard substation.

1.3 Combined test stand
ZT-II

1. Function
Carrying out operating test on feeder switch, electromagnetic starter, vacuum circuit breaker, vacuum contactor etc. Three phase synchronous test; Leakage lockout resistance value test, leakage action value test, leakage action time test on various feeder switch, electromagnetic starters; Over current, short-circuit, loss of phase, three phase imbalance protection test on feeder switch, electromagnetic starter.

1.4 Test stand for electric coal drill and plug-in lighting unit
ZBZ

1. Function
1.1 Function: The equipment is specially designed for tests on electric coal drill and plug-in lighting unit.
1.2 Power supply: 380V 50Hz, 3-phase, 4-wire.
1.3 Output voltage: isolated 3-phase, adjustable within a range of AC 0-127V.
1.4 High-voltage test: 10KV, 2000MA
1.5 Leakage timing: 999.999S
1.6 Lockout resistance value: 1-48KΩ