

Main Specifications

▼ **Type**
 APC-630-M Micro pressure type
 APC-630-N General type
 APC-630-H High pressure type

▼ **Size**
 500 (L) x 450(W) x 180 (H) mm

▼ **Generate pressure range**
 Please refer to generate pressure range table

▼ **Pressure source media**
 Please refer to generate pressure range table

▼ **Operating temperature**
 0 to 40°C

▼ **Storage temperature**
 -20 to 70°C

▼ **Storage humidity**
 5-95%R.H. (non-condensing)

▼ **Accessories**
 Wireless mouse
 Special software x1
 Test report
 Certification report
 Warranty card
 Manual
 O-ring x 100
 Insulated tube 10A 5x20mm

Other Specifications

▼ **Pressure control accuracy**
 ±0.01% F.S.

▼ **Screen display**
 7" color touch screen
 Resolution 800x400 pixels
 65536 kinds of color
 TFT, BGA, Active Matrix
 Graphical interface, menu guide

▼ **Power supply**
 AC220V

▼ **Communication port**
 RS232 two-way communication

▼ **Pressure unit**
 kPa, bar, psi, kgf/cm², mmHg, Pa, MPa, mmH₂O

▼ **Control stability**
 0.002%F.S.

▼ **Automatic pressure stability time**
 <10s

▼ **Weight**
 About 26.5kg

Automatic Pressure Controller

Model: APC-630 Series

Introduction

APC-630 automatic pressure controller is composed of pressure calibrator, current and voltage tester, and pressure output test bench, which can simultaneously or batch calibrate multiple sets of high-precision instruments. The operation interface adopts 7" touch panel and menu guide, the graphical interface makes the operation easier.



APC-630-N Pressure calibrator

Features

- The pressure output test bench adopts hard anode aluminum alloy, with anti-scratch and anti-corrosion performance. It has 12 sets of connection thread and provided with adapter and O-ring to prevent pressure leakage
- There are 6 test channels built in the current and voltage switch instrument. The current/voltage measurement accuracy is ±0.01%RD+0.0025%F.S., the voltage control stability can reach to 0.002%, the voltage will stabilize within 10 sec.
- With special operation software, the RS232 port can do two-way communication with the computer to achieve automatic voltage control, data collection, calculation, storage and report generation, and can print test results, file management, data sequencing or data statistical analysis according to manufacturer and instrument type

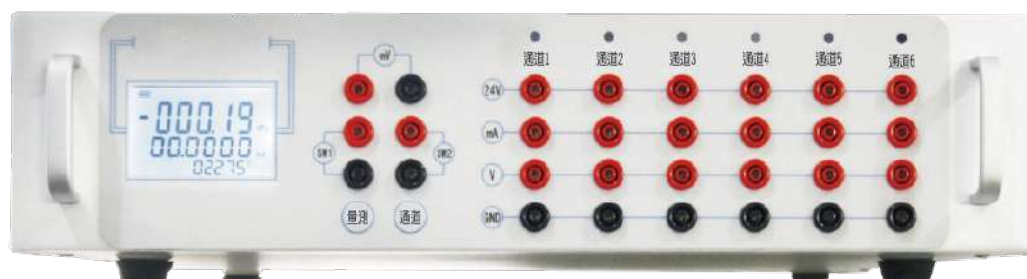
Generate pressure range table

Type	APC-630-M	APC-630-N	APC-630-H
Control pressure range	-0.95...0 to 3.5bar	-0.95...0 to 25bar	0~600bar
Cover range	±0.025bar, ±0.1bar, ±1bar, -0.95 to 3.5bar	±0.025bar, ±1bar, -0.95 to 25bar	0~10bar, 0~70bar 0~250bar, 0~600bar
Pressure source media	Gas	Gas	25# Transformer oil



Specification table of pressure output test bench

Product model & name	APC-630-T Pressure output test bench
Pressure connection	M20 x 1.5 Female
Amount of connection	12 connection threads with quick adapter
Simultaneously calibrated instruments	Pressure gauge: 8; Pressure transmitter: 6; Pressure switch: 6.
Size	750 x 400 x 80mm (LxWxH)
Weight	17.8kg



Specification table of current voltage switch tester

Product model & name	APC-630-IVS Current voltage switch tester
Current measurement	Measurement range: -30 to 30mA; Accuracy: $\pm 0.01\%RD + 0.0025\%F.S.$
Voltage measurement	Measurement range: -300 to 300mA, -30 to 30V; Accuracy: $\pm 0.01\%RD + 0.0025\%F.S.$
DC output	DC24V ($\leq 30mA$) ; Accuracy: $\pm 0.01\%$; Load capacity > 180mA
Switch value measurement	It can measure the state of the switch and lock the actuator automatically
Pressure unit	kPa, bar, psi, kgf/cm ² , mmHg, Pa, MPa. mmH ₂ O
Screen display	LCD with backlight, 6-digit current/voltage display
Channel amount	One standard channel; six test channels (support switching power module)
Size	500 x 450 x 110mm (LxWxH)
Weight	9.8kg
Operating voltage	150-250V, 50/60Hz