YUYANG INDUSTRIAL CO., LIMITED
China Manufacturer of Fire Testing Equipment

Fire Resistance Test Apparatus Hose / Pipe Testing Machine FTP II Res A 753





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- **Product Details:**
- Place of Origin:
- Brand Name:
- Certification: **ISO 19921&2 ISO 10497 FTP II Res A 753**
- Model Number: **YY408**
- **Payment & Shipping Terms:**
- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **15-20 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **5 sets per quarter**

- Share to：

ISO 10497, FTP II Res A 753 Fire Resistance Valve , Hose & Pipe Testing Equipment

Description:

Fire resistance tester of Fire fighting fittings cope with the following three standards: Fire resistance test of Valve (ISO 10497), Fire resistance test of hose assembly (ISO 19921 & 19922), Fire resistance test of plastic pipes (FTP II Res A 753)
After applying fire imitation using a burner indicated in standards of Various valves in internal pressure conditions, hose assembly of several nominal diameters and plastic casket/casket device, the device measures the watertight of each test.

Standards:

ISO 19921&2, ISO 10497, FTP II Res A 753

Specification:

1. Test Chamber Size : (W) 1,700mm x (D) 900mm x (H)2,000mm
2. Hood Size : (W) 1,700mm x (D) 900mm x (H)2,000mm
3. Duct Size : Ø400 x 2,000(L) mm
4. Exhaust Fan : Armature Voltage : 180V / Revolution : 3000rpm / 1.5HP
5. Heat Source
   Section Burner : (W)150mm x (D) 500mm / Nozzle : 20 ea/ 0.1m2 / STS 304
   Multiple Burner : (W) 100mm x (D)420mm / Jet burner 15 ea / STS 304
6. Mass Flow Controller
   Gas(C3H8) Mass Flow Controller 150 SLPM / Signal output : 0 ~ 5V / Accuracy ±1 of F.S
   Air Mass Flow Controller 300 SLPM / Signal output : 0 ~ 5 V / Accuracy ±1 of F.S
7. Vessel for water Size : Ø350 x L500 mm
8. Booster pump : AC 220V / Max 20Bar

9. Calorimeter cube Size : (W)38mm x(D)38mm x (H)38mm
K-type Thermocouple : Ø3.2, (L)235mm
10. DAQ System : 2 channel Analog Input / Output Module / Range : ± 10VDC
2 channel Digital Input / Output Module / Range : ± 5VDC

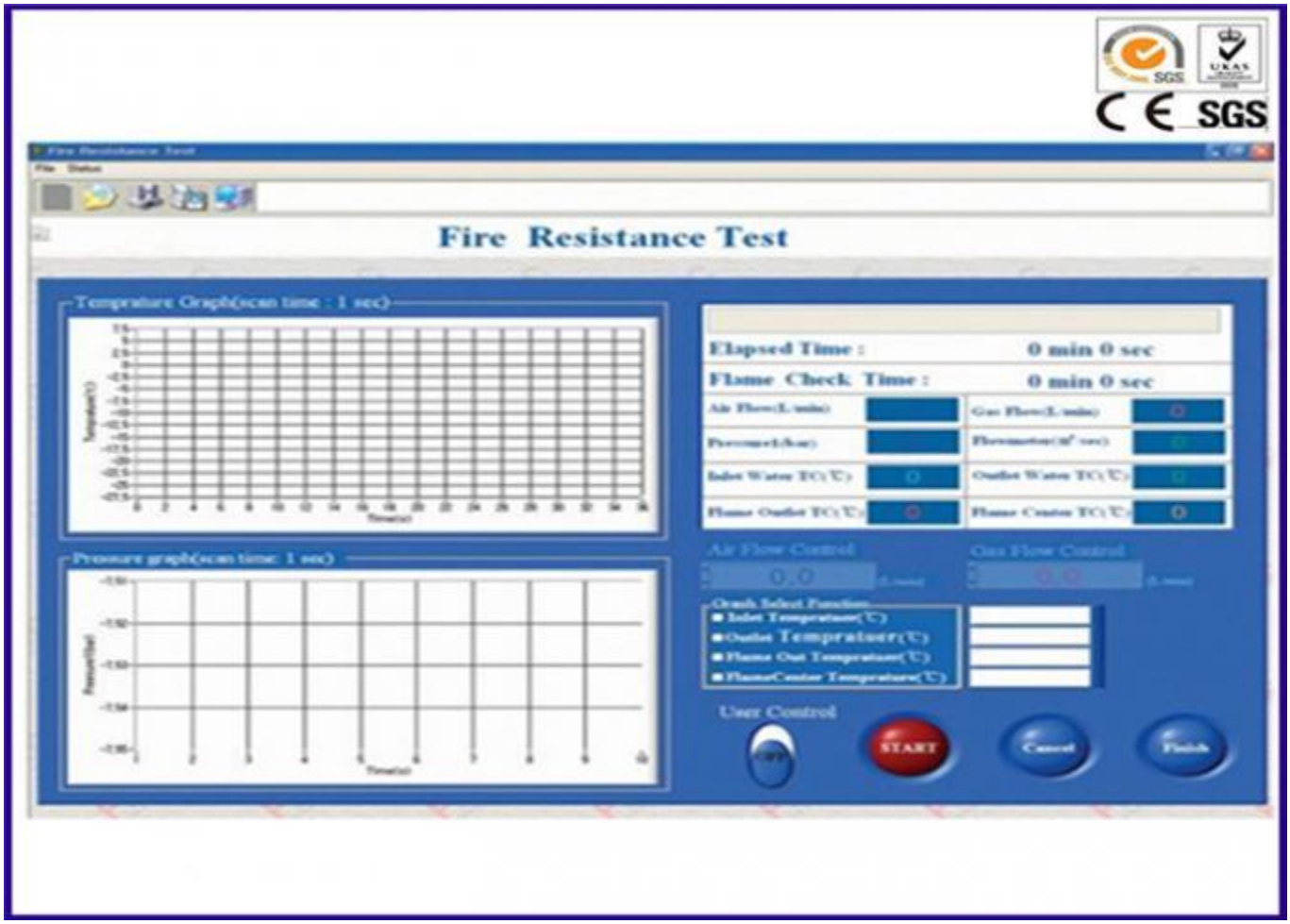
Specification	
Size	(W)1,7000 X (D)900 X (H)2,000 mm
Power	220VAC, 50Hz, 10A
Weight	300kg
Utilities	LPG Gas Cylinder

Features:

1. Designed in simple GUI environment for user utilizing Labview development tools
2. Designed to record and save data in real-time using automatic control Logic for test reproducibility
3. Analyzes data and print report forms to meet user's requirements.
4. Designed to only substitute the burner in equivalent test chambers to enable the test of the three standards.
5. FTP II Res A 753 test enables test of Level 1 ~ 3
6. Made of Stainless Steel, the test chamber is heat and corrosion resistant
7. Burner location can be regulated to calibrate various hose and valve tests.

Test result

1. center temperature of flame
2. flame temperature of water input terminal
3. water temperature of water in casket input terminal


Fire Resistance Test
Temperature Graph(scan time : 1 sec)
Pressure graph(scan time: 1 sec)
Elapsed Time :
0 min 0 sec
Flame Check Time :
0 min 0 sec
Air Flow Control
Gas Flow Control
Graph Select Function
Inlet Temprature(℃)
Outlet Temprature(℃)
Flame Out Temprature(℃)
FlameCenter Temprature(℃)
User Control
START
Cancel
Finish