

## ZNY3208 Gas Cylinder & Steel Pipe Pressure Resistance & Burst Testing Machine

This model (Fig8) is mainly used in the burst pressure test and cycling pressure fatigue test. It is suitable for the test on the capabilities of pressure resistance, fatigue, burst, air-tight, water-tight over various fire bottles, steel bottles, steel pipes, containers under pressure, wrapped gas bottles ,etc. It is widely used in the steel cube quality inspection departments, steel cube factories, quality checkpoints, R&D Academies, etc which is mainly engaged in the areas of steel cube manufacture and R&D.

The ZNY series Computer Controlled Steel Cube High Pressure Testing Machine is composed of the upper system and the lower. The upper mainly complete the jobs of sending instructions, receiving raw data, graph processing, data management, etc and also has the capabilities of auto-saving when power cut and auto-resume after power cut which can ensure the continuity of the long-time test. Prior to the test, the software in the upper system can set the

parameters in each route respectively and the curves and results are displayed during the test. The lower system gets to the target pressure and control the whole cause under the instructions from the upper. The reasonable pressurizing method, imported pressurizing pump, guarantee the stability of the pressure driving source.

ZNY3208 comprises of the control tank and pipeline connecting to the specimen. This device has a reasonable layout. All the pipelines are connected with stainless steel pipes with nice looking and good durability. The control tank's top layer adopts the AD813 Close-loop Control system which realizes the



Fig8.ZNY3208

absolute Close-loop control in the whole system. And the middle layer lies the key components: the imported electromagnetic valve, imported accumulator, imported pressure transducer, etc. And the bottom layer is the pressure apply system comprising of imported high pressure hydraulic pump, gas source pipeline, etc .The system has a high pressurizing speed, and pressurizes steadily which can satisfy the long-term cycling pressure test and frequently burst test. This model conforms to GB/T9252-2001,GB 15385-1994.

## Technical Specifications

	ZNY3028	
<b>Pressure Range</b>	Mpa	1~100
<b>Specimen Capacity</b>	L	≤80
<b>Pressure accuracy</b>		≤±1%
<b>Constant Pressure Accuracy</b>		-2%~2%
<b>Pressure Velocity</b>	MPa/s	0.5~1.5