

## Automobile Brake Pipe Pressure Resistance & Burst Testing Machine ZNY2108

This model(Fig1) is applied in various Automobile Brake Pipe Burst Test and Inner Pressure Bearing Time Test. It is widely used in Automobile Quality Inspection Department, Automobile Components Manufactures, Product Quality Checkpoints, R&D Academies and so on ,which mainly produce or develop the Automobile Brake Pipe.

ZNY2108 Computer controlled

Automobile Brake Pipe Hydrostatic and Burst Testing Machine comprises of the upper and lower control system, the upper control system complete the job of sending instruction, receiving raw data, graph processing, data processing, data management and so on and has the function of auto data saving when power cut, and further more it can resume to the test after the sudden pause by power cut without any problem. The upper system software can set the test parameters of each route prior to test and can display the curves and results of each route .The lower system is mainly



**Fig1.ZNY2108**

to conduct the hydraulic pressure system to reach the target pressure under the instructions from upper system and implement the real-time control during the whole test.

ZNY2108 comprises of a control tank and a stainless steel water tank. This device has a reasonable layout, the water part and the electric part are positioned independently and all the pipelines are connected with stainless steel pipes, nice looking and durable. The control tank's top layer adopts the

AD813 Close-loop control system which realizes the 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 to complete the total pressure application in the system. The lower control system can be extended to multi-route as the customer’s needs. Every route is controlled independently without inter-influence when one of them is broken down. The lid on the water tank is made of widened fiber reinforced glass to make a convenient observation on the specimen during the test. The water tank is also equipped with the automatic drainage system. In addition , the configured grips on the pipe tie-in is easy to install and well sealed. This model conforms to GB 16897-1997.

## Technical Specifications

	ZNY2108	
<b>Max Pressure</b>	Mpa	120
<b>Test Route</b>		2
<b>Accuracy of pressure</b>		≤±1%
<b>Accuracy of constant pressure</b>		-1% ~ +2%
<b>Constant pressure range</b>		5% ~ 100%
<b>Time range</b>		0.1min ~ 10000h
<b>Range of Velocity of Pressure</b>	Mpa/min	6~120