

## GZQ-1 Full Automatic Pneumatic Consolidometer



The Full Automatic Pneumatic Consolidometer is used to determine compression performance of the soil under the conditions of different load and confining pressure. The complete set of the apparatus consists of consolidometer, pneumatic controller, multichannel communication converter and data acquisition system. It can make an experiment on standard consolidating and quick consolidation test as well as testing consolidating compression and coefficient. The performance of the apparatus is stable and reliable. This apparatus is new model with some features such as low noise, separately control consolidation compression, consolidating compression to be set separately, easy to install software system and easy to operate etc.

Capacity	0kN - 4.8kN
Load accuracy:	$\leq 100\text{kPa}$ , absolute error $\leq \pm 1.0\text{kPa}$ $\geq 100\text{kPa} - 1600\text{kPa}$ , relative error $\leq \pm 1.0\%$ $\geq 100\text{kPa} - 3200\text{kPa}$ , relative error $\leq \pm 1.0\%$
Specimen size::	30cm <sup>2</sup> 50cm <sup>2</sup>
Pneumatic control range:	0MPa - 0.9MPa
Pressure transducer:	0MPa - 1.0MPa
Converter channel:	1 - 32
Power supply:	220VAC 50Hz



Nanjing T-Bota Sciotech Instruments & Equipment Co., Ltd.

Add.: Rm. 1001 HuaXia Mansion, No. 81 ZhongShan Rd., NanJing 210005 China

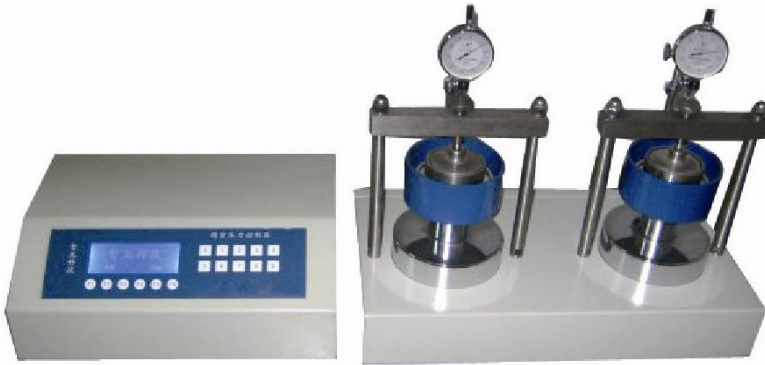
TBTSCIOTECH®

Tel: 0086-25-8472 1577 / 8472 1579 / 8472 1907

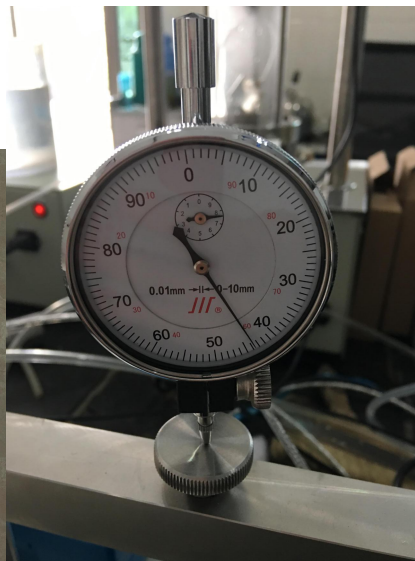
Fax: 0086-25-8472 2235

**Note:**

1. We can supply mid & high pressure machine.
2. Normal standard configuration is 2 units with one controller
3. Consolidation cell size can be customized
4. Consolidation cell can be in Stainless Steel or Brass material.



CONSOLIDATION CELL



DIAL INDICATOR SENSOR



SET OF CELL



Nanjing T-Bota Sciotech Instruments & Equipment Co., Ltd.

Add.: Rm. 1001 HuaXia Mansion, No. 81 ZhongShan Rd., NanJing 210005 China

TBTSCIETECH®

Tel: 0086-25-8472 1577 / 8472 1579 / 8472 1907

Fax: 0086-25-8472 2235



32  
CELLS



CONTROLLER UNIT



DATA COLLECTOR





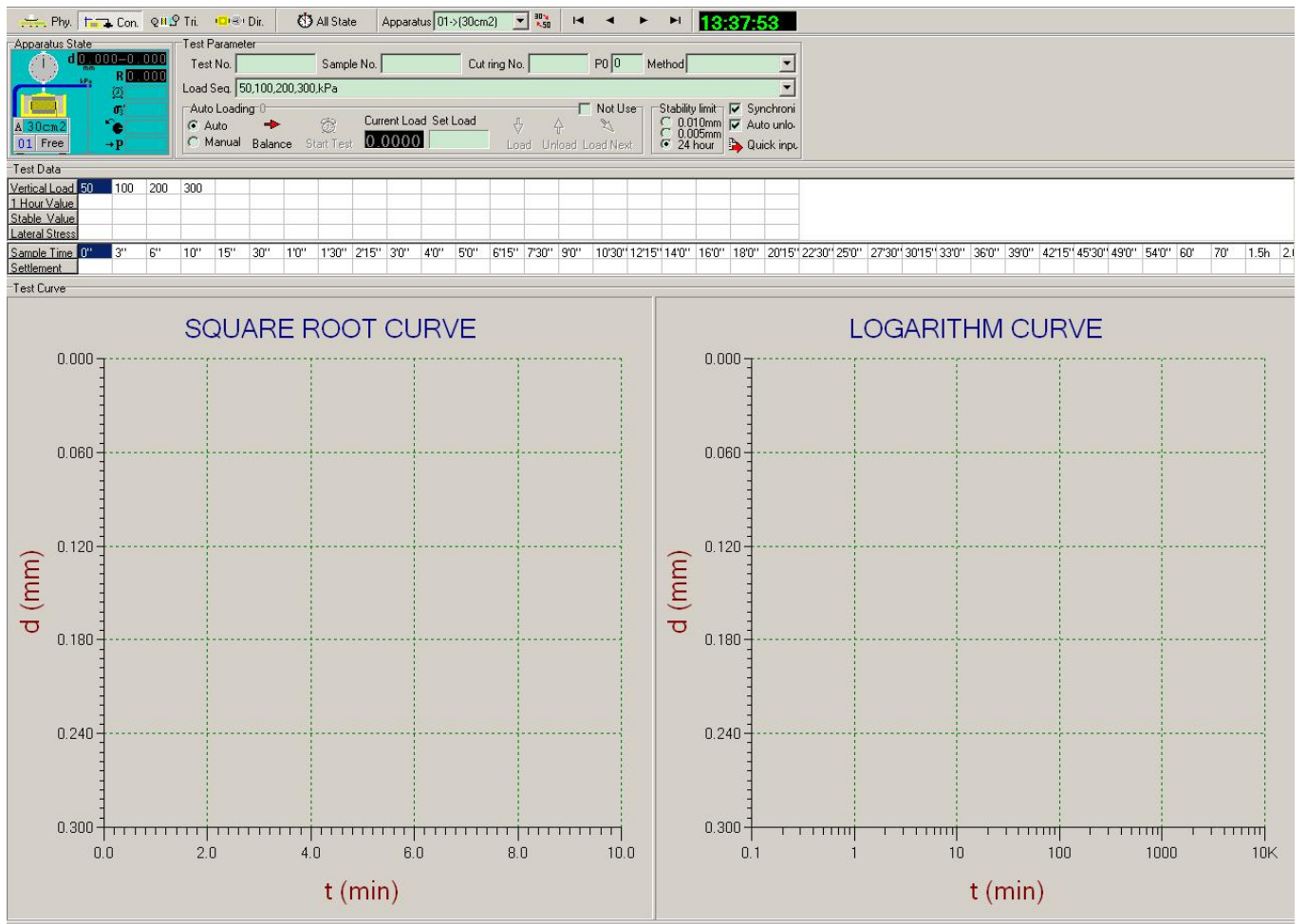
Nanjing T-Bota Sciotech Instruments & Equipment Co., Ltd.

Add.: Rm. 1001 HuaXia Mansion, No. 81 ZhongShan Rd., NanJing 210005 China

TBTSIETECH®

Tel: 0086-25-8472 1577 / 8472 1579 / 8472 1907

Fax: 0086-25-8472 2235



SOFTWARE