

# LARGE-CAPACITY VACUUM PYCNOMETER H1820

**STANDARD: AASHTO T209, AASHTO T283**

This instrument is suitable for determining the theoretical maximum relative density of compacted or noncompacted bituminous paving mixtures by vacuum method. It is used for asphalt mixture ratio design, road investigation or road construction quality management to calculate air void and compaction degree. Not suitable for asphalt mixtures with porous aggregates with water absorption greater than 3%.



## TECHNICAL SPECIFICATIONS

Material	Aluminum unibody base and frame
Power supply	220v±10% 50Hz
Vibration motor input power	50W
Handheld digital vacuum gauge negative pressure range	0-100kpa
Test requirement	3.7Kpa(±0.3)
Vacuum pump	Pumping rate: 1L/S; Ultimate vacuum: 10Pa; Power supply: 220V/50Hz; Refueling volume: 250ml; Motor power: 120W
Container volume	18L Class A negative pressure container Inner dimensions: dia.280mm, height 200mm
Vibration mode	Continuous vibration
Dimensions	440×440×520mm
Weight	About 30kg

**SINCE 2006**

**ZHUOZHOU TIANPENG INSTRUMENT MANUFACTURING CO., LTD.**  
Website: [www.testmould.com](http://www.testmould.com) Tel: +86-312-3852880