



Choose certainty.  
Add value.

## Automotive Reliability Testing Service 汽车可靠性检测 服务

### Why choose TÜV SÜD?

TÜV SÜD's automotive reliability testing lab is located in Shanghai Minhang Zhiyong Industrial Park. TÜV SÜD has extensive experience in the fields of testing such as environmental reliability, mechanical reliability and functional testing; with state of the art testing equipment and world class engineers. We work with many top OEM and suppliers to provide one-stop automotive solutions to our customers.

### Our automotive reliability testing services

#### Environmental Reliability

- Temperature and Humidity
- Thermal Shock
- Corrosion
- Xenon lamp and UV aging
- IP Protection Degree
- HALT and HASS

### 为什么选择TÜV南德意志集团?

TÜV南德意志集团汽车可靠性测试服务实验室坐落于上海市闵行区致永工业园，该实验室拥有专业的设备和出色的工程师团队，在环境可靠性、机械可靠性、功能类测试等领域积累了丰富的经验，同时也与众多主机厂及汽车零部件供应商保持着良好的合作关系，足以为客户提供一站式服务。

### 我们的汽车可靠性测试服务

#### 环境可靠性

- 温湿度
- 温度冲击
- 盐雾腐蚀
- 氙灯老化及紫外线老化
- IP防护等级
- 高加速寿命老化及应力筛选

### Mechanical Reliability

- Vibration and vibration with temperature and humidity
- Fatigue failure
- Shock
- Free fall

### Function Tests

- Defrosting Performance of Rear Glazing
- Electrical Performance
- Sealing and Leakage

### Products we test

#### Powertrain components

- Fuel and Cooling, Motor, Wire etc.

#### Chassis

- Suspension, Steering, Wheel, Tire etc.

#### Interior and Exterior

- Rear Glazing, Fuel Flap Assembly, Instrument Panel, Seat, Lamp, HVAC, Closure etc.

#### Electronic & entertainment system

- Instrument, Center Console, Audio, Navigation, Connector, Screen etc.

### 机械可靠性

- 振动及温湿度振动
- 疲劳失效
- 冲击
- 跌落

### 功能类测试

- 后窗除霜性能
- 电气性能
- 密封泄露

### 服务产品

#### 动力总成

- 燃油与冷却系统、发动机、线束等

#### 底盘

- 悬架、转向轴、车轮和轮胎

#### 内外饰件

- 后窗玻璃、加油门口盖总成、仪表板、座椅、车灯、HVAC、门把手等

#### 车身电子与娱乐系统

- 仪表、中控、音响功放、导航、连接器、车载屏幕等。

### Applicable Standard 适用标准

#### OEMs Standard 整车厂

GS 95024-3-1	PR 214	GMW 3191	GMW 3414	PV 1200	B21 7130	CVTC 37002
GS 97004-1	PR 263	GMW 3431	VW 80000	PV 2005	SMTC 3 862 001	Q/FPT 2800001
GS 93010-2	GMW 3172	GMW14867	PV 1210	TL 82405	SMTC 3 800 001	

#### General Standard 通用标准

ISO 16750	ISO 7253	IEC 60068-2	SAE J2412	GB/T 2423	QC/T 44	QC/T 323
ISO 20653	ISO 3770	IEC 60721	SAE J2527	GB/T 28046	QC/T 626	QC/T 804
ISO 2206	ISO 4892	ASTM G155	SAE J1455	GB/T 26775	QC/T 945	DIN 75200
ISO 9227	ISO 16474	ASTM D7869	SAE J2044	GB/T 30038	QC/T 1016	DIN 50 017
ISO 6270	ISO 105	ASTM B117	SAE J2334	GB 15085	QC/T 246	DIN 50 021

### Choose certainty. Add value.

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training and knowledge services. Represented in over 850 locations worldwide, we hold accreditations in Europe, the Americas, the Middle East and Asia. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

### 权威认证，创享价值

TÜV南德意志集团是一家优质、安全和可持续发展的专业测试、检验、审核、认证、培训和知识服务解决方案提供商。我们在世界各地超过850多个代表处，在欧洲、美洲、中东、亚洲和非洲备受盛誉。通过客观公正的专业知识和宝贵的见解，为企业、消费者和环境增添有形价值。