

## Automobile Micro - Pulse Generator - TIS 700S

### Datasheet



#### In Compliance with

- JASO - D001
- NISSAN 28400 NDS03
- NISSAN 28400 NDS07
- SAEJ1455

#### Introduction

TIS 700S is capable of independently carrying out compactable automobile micro - pulse tests. 9 interchangeable waveform modules are available: Pulse A2, B2, D2 in JASO - D001 tests, Pulse B2 in NISSAN 28400 NDS03, Pulse C8, C50, C300 in NISSAN 28400 NDS07, and mutual inductive pulse, self - inductive pulse in SAEJ1455 (other waveforms can be customized).

With touch screen menu and function keys, tests can be quickly and accurately set up and carried out.

#### Features

- 5.7" color touch screen front control panel;
- 9 modules available (or otherwise customized) with plug connectors;
- CN25 and CAN internal bus can transmit the DUT voltage signal to the power terminal, and can be communicated with equipment of other manufacturers;
- Ethernet RJ 45 for PC remote control, printing test reports;

#### Application Areas

- Automobiles

Technical Parameters	
As per NISSAN 28400 NDS03 B2	
Pulse Amplitude Vp	200 - 400 V
Rise Time Tr (Vp)	≤1 μs
Step Interval	3 - 99 s
Polarity	+/-
No. of Burst	1 - 9999
Weight	1 kg
Dimension	95 x 170 x 180 mm

NISSAN 28400 NDS07 C8	
Pulse Amplitude Vp	200 - 400 V
Rise Time Tr (Vp)	≤1 μs
Step Interval	3 - 99 s
Polarity	+/-
No. of Burst	1 - 9999
Weight	1 kg
Dimension	95 x 170 x 180 mm

NISSAN 28400 NDS07 C50	
Pulse Amplitude Vp	200 - 400 V
Rise Time Tr (Vp)	≤1 μs
Step Interval	3 - 99 s
Polarity	+/-
No. of Burst	1 - 9999
Weight	1 kg
Dimension	95 x 170 x 180 mm

NISSAN 28400 NDS07 C300	
Pulse Amplitude Vp	200 - 400 V
Rise Time Tr (Vp)	≤1 μs
Step Interval	3 - 99 s
Polarity	+/-
No. of Burst	1 - 9999
Weight	1 kg
Dimension	95 x 170 x 180 mm

SAEJ1455 Self - inductive Pulse	
Pulse Amplitude Vp	200 - 600 V
Rise Time Tr (Vp)	≤1 μs
Time Constant	1000 μs
Step Interval	1 - 99 s
Polarity	+/-
No. of Burst	1 - 9999
Weight	1 kg
Dimension	95 x 170 x 180 mm

SAEJ1455 Mutual Induct	
Pulse Amplitude Vp	200 - 600 V
Rise Time Tr (Vp)	≤1 μs
Time Constant	15 μs
Step Interval	1 - 99 s
Polarity	+/-
No. of Burst	1 - 9999
Weight	1 kg
Dimension	95 x 170 x 180 mm

JASO - D001 A2	
Pulse Amplitude Vp	100 - 300 V
Rise Time Tr (Vp)	≤1 μs
Step Interval	3 - 99 s
Polarity	+
No. of Burst	1 - 9999
Weight	1 kg
Dimension	95 x 170 x 180 mm

JASO - D001 B2	
Pulse Amplitude Vp	200 - 400 V
Rise Time Tr (Vp)	≤1 μs
Step Interval	3 - 99 s
Polarity	+/-
No. of Burst	1 - 9999
Weight	1 kg
Dimension	95 x 170 x 180 mm

JASO - D001 D2	
Pulse Amplitude Vp	100 - 300 V
Rise Time Tr (Vp)	≤1 μs
Step Interval	3 - 99 s
Polarity	+
No. of Burst	1 - 9999
Weight	1 kg
Dimension	95 x 170 x 180 mm

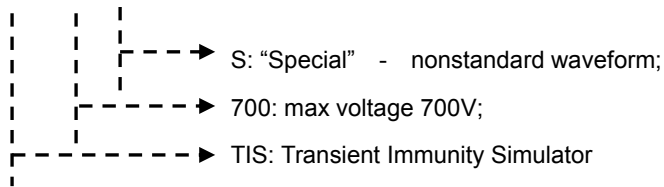
General Parameters	
Power Supply	AC 110/220 V, 10%, 45 - 65 Hz
Environmental Temperature	15 - 35°C
Relative Temperature	35% - 85%RH (condensation free)
Dimension	450 x600 x177 mm (4U cabinet x 2)
Weight	About 20 kg

Standard Accessories	
Testing wire	1 pc
F μ se	1 pc
Factory Inspection Report	1 pc
Mser Manual	1 pc

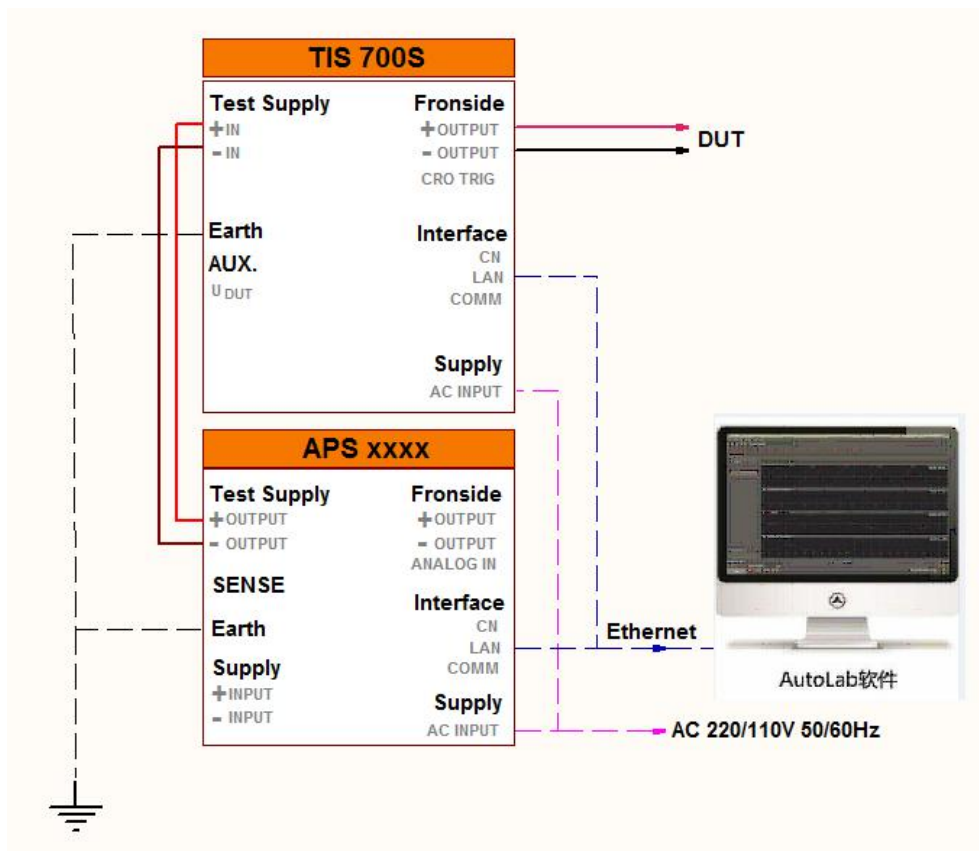
Optional Accessories	
1. Software: AutoLab. In support of windows XP / 7 and above; Easy to operate; Equipped with rich standards library, easy to set up and customize test schedules; Automatic / manual detection of equipment connected and automatic configuration; Easy to generate test reports with formats available.	

**Naming Rules:**

**TIS 700S**



**Equipment Connection Diagram:**





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