

## Vehicle Micropulse Generator

## TIS 300

### Datasheet



#### In Compliance with

- >QC/T 727-2007
- >JASO D001-94

#### Introduction

The TIS 300 is designed for testing instrument for automobile and motorcycle in accordance with Type A2, B2, C2 specified in QC/T727-2007 and type A2, B2 and D2 specified in JASO D001-94. It features touch screen operation and easy test setting.

#### Features

- >5.7" color touch screen front panel operation;
- > Meet the requirement of type A2, B2 and C2 specified in standard QC/T727-2007;
- > Meet the requirement of type A2, B2 and D2 specified in standard JASO D001-94;
- > Max. pulse amplitude up to 300 V;
- >Internal bus of CN25 and CAN can transmit DUT's voltage signal to power supply terminals, and can also be used for communication with equipment of others make;

#### Applications

- >Instrument for automobile and motorcycle

Type A2	
Pulse Amplitude - $V_p$	30 V-200 V ( $\pm 10\%$ )
Rise Time - $T_r$ ( $V_p$ )	$\leq 1 \mu s$
Decaying Time Constant - $\tau$	2.5 $\mu s$
Output Impedance - $R_1$	0.4 $\Omega$
Repetition Frequency	1/30 Hz
Number of Pulses	10
Polarity	Positive

Type B2	
Pulse Amplitude - $V_p$	30 V-300 V ( $\pm 10\%$ )
Rise Time - $T_r$ ( $V_p$ )	$\leq 1 \mu s$
Decaying Time Constant - $\tau$	2000 $\mu s$
Output Impedance - $R_1$	80 $\Omega$
Repetition Frequency	1/30 Hz
Number of Pulses	100
Polarity	Negative

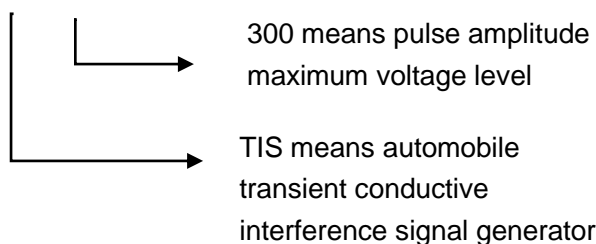
Type C2 (D2)	
Pulse Amplitude - $V_p$	30 V-200 V ( $\pm 10\%$ )
Rise Time - $T_r$ ( $V_p$ )	$\leq 1 \mu s$
Decaying Time Constant - $\tau$	2.5 $\mu s$
Output Impedance - $R_1$	0.9 $\Omega$
Repetition Frequency	1/30 Hz
Number of Pulses	10
Polarity	Positive

General Parameter	
Power Supply	AC 110 V/220 V ( $\pm 10\%$ ) , 50 Hz /60 Hz ( $\pm 5\%$ ) (In mainland area: AC 220 V 50 Hz by default )
Ambient Temperature	15 $^{\circ}C$ –35 $^{\circ}C$
Relative Humidity	45%–75%
Atmospheric Pressure	86 kPa–106 kPa
Dimension	4U
Weight	Approx. 30 kg

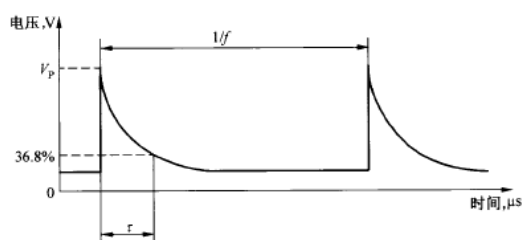
Standard Accessories
Testing wires, power supply cable, fuse (spare part), user manual

**Naming Rules:**

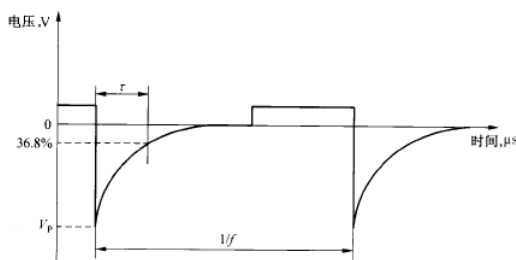
TIS 300



**Waveforms:**



Type A, C and D



Type B



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