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# Vehicle DTV

(Model: DT-V)

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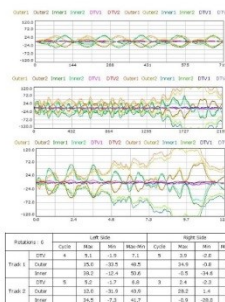
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## Overview / 概要 / 개요

The DT-V is a DTV measuring system of the vehicle. Non-contact type of capacitive sensor measure mounted lateral run out (LRO) and DTV in the car. Cold judder is measured in the off brake condition to investigate mounted lateral run out and DTV. Hot judder is measured while snap stop or one stop with high speed driving to investigate thermal deformation of rotor like corning and its behavior.

DT-V : 在制动盘两端安装非接触变位传感器, 在汽车上安装震动传感器, 之后测定非制动时和制动时的 DTV(Disc Thickness Variation : 盘厚变化)和 LRO(Lateral Run Out : 横向摆动)数据。DT-V是以测定 DTV和LRO, 来分析制动时出现的热量增加DTV值时, 如何导致制动抖动的测试仪器。

DT-V는 비접촉 변위센서를 제동반 양단에 설치하고, 진동센서는 차체에 장착하여 주행차량의 DTV(Disc Thickness Variation)와 LRO(Lateral Run Out)를 비제동 시와 제동시 측정하여 DTV 값이 제동시 발생하는 열에 의해 어떻게 성장하여 브레이크 저더를 발생시키는지 측정하는 시험기다.



## Features / 特点 / 특징

1. Compact & robust sensor fixture.
2. Anti- vibration controller.
3. Time & wheel angle base sampling.
4. Manual or brake interlock trigger.
5. Versatile analyzing software by "Sunware DT-V"

1. 坚固、简洁的传感器安装器具。
2. 车轮旋转时保存各标准数据。
3. 手动/自动制动踏板的联动测定
4. 监控测定、查询测定记录
5. 使用"Sunware DT-D"进行多种测定、分析。

1. 견고하고 단순한 센서 장착 기구
2. 차륜회전 각 기준 데이터 저장
3. 수동/자동 브레이크 페달 연동측정
4. 측정 감시 및 측정 이력 검색
5. "Sunware DT-V"에 의한 다양한 측정, 분석 가능

## Specification

Measuring range 測定范围	0~2500 $\mu$ m
No. of sensor 传感器数	8 (2pairs each LH./RH)
Maximum speed 最高測定汽车速度	180km/h
Sampling speed	1Mhz
Date Resolution	16bit

※ Please note that, the user must take risks of sensor mounting in a limited space(very critical job) and unavoidable vibration hindered lot LRO and DTV measurement.

※ The above specifications are subject to change without prior notice for performance improvements.

※ 为了提高性能, 上述规格在未通知的情况下, 会略有变化。

※ 상기 사양은 성능향상을 위하여 사전예고 없이 변경 가능함.

## Distributors

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