Company introduction

Since 1993 when founded, Donghua Testing has always been dedicated to intelligent testing technology and applications of structural mechanical properties. We are the only A-share listed company in the domestic industry and have provided testing system solutions for thousands of users.

Headquartered at Jingjiang City on the Yangtse Riverside, Donghua has the most large-scale modernized R&D, manufacturing and service center of structural mechanics properties test and analysis instruments in China. Besides, we have also set up Shanghai Application and Development Research Center, Beijing Brand Operation Center, Chengdu Software R&D Center. Cross-regional collaboration enables us among world leading level.

Our Core Competence

System Integration: The only domestic supplier of complete of products covering sensors, conditioners, data acquisition and analysis software, etc.

Anti-interference: Concentrating studying anti-interference technology for over 20 years, accumulating rich ODM and on-site experience with the anti-interference technology ranking among world leading level

Customization: Abundant research and manufacture capabilities to satisfy special requirements of customers

Professional services: An experienced and high-caliber service team to provide professional test solution and value-added services such as assisting customers in accomplishing key test task and subsequent data analysis

Our customers(part)

DH5929/DH5921/DH3820/DH3821
Stress-Strain Test and Analysis System

DH8300/DH8301/DH8302/DH8303
Dynamic Signal Test and Analysis System of High-performance

DH5916/DH5902/DH5910/DH5928/DH5930
Portable Dynamic Signal Test and Analysis System

DH5901/DH5901Ex/DH5909/DH5909Ex/DH5908/DH3819
Portable Dynamic Signal Test and Analysis Device

DHDAS2013 Software Platform

- All software modules are developed independently, including drive program, communication protocol and instrument control software, to complete real-time data acquisition, processing and analysis, realizing the function of virtual instrument and "one-key setup" operation.

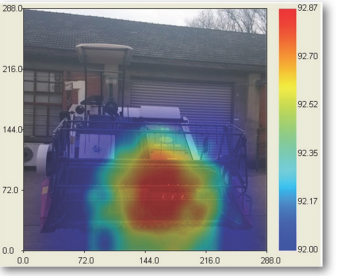
Special features:

- Running on XP/Win7/Win8 operating system with friendly user interface, simple and flexible
- High real-time capabilities: real-time sampling, storage, display and real-time analysis etc.
- Visual parameter setting to facilitate management and setup of large and multi-channel systems
- Strong analysis, processing capability and comprehensive online help
- Multi-project management allowing editing multiple projects simultaneously
- Rich view types for displaying a variety of processing results
- Multiple trigger modes are optional via software configuration
- Graphical setup on bridge circuits and wiring modes, and auto correction towards measurement results by software
- Plug-in management function enables all kinds of functions to be configured by users themselves
- Flexible and diverse interface styles which can be defined upon requests by users

software functions:

- wavelet analysis module
- Waveform impact test module
- Impact response spectrum analysis module
- Pile foundation test module
- Cable force computation module
- Strain rosette setting module
- Fatigue analysis module
- Sensors static calibration module
- On-site dynamic balance module
- Air-conditioner test and analysis module
- PCB test and analysis module
- Resample analysis module
- Order spectrum analysis module
- Bode diagram analysis module
- Polar coordinate graphs analysis module
- Axis track diagram analysis module
- 3D rotating speed spectral array analysis module
- 3D time spectral array analysis module
- Acoustic pressure analysis module
- Sound intensity analysis module
- Acoustical power analysis module
- 3D sound intensity analysis module
- Sound quality analysis module
- Sound evaluation method module

case:



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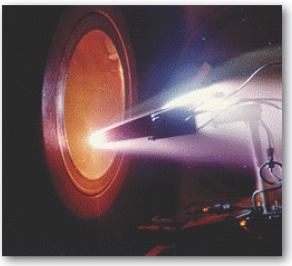
Scene pictures(part)

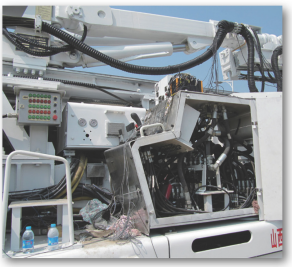
In the past 20 years, we have cooperated with thousands of customers for over 20 thousand times.

Load test and experimental modal analysis on most domestic bridges prior to commissioning

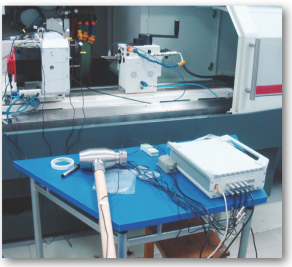


Pressure and temperature test of electric arc wind tunnel with strong anti-interference

Over one thousand channels applied to paralleled synchronous hi-speed data acquisition of hypersonic wind tunnel



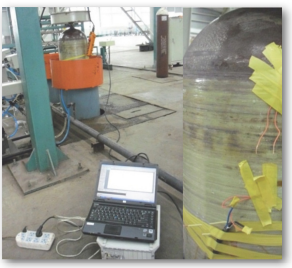
Measurement of engineering machinery mechanical properties



Mechanical equipment and automotive experimental modal analysis

Used by almost all domestic engineering colleges on various tests aiming for teaching or researches

Test of China hi-speed railway strength, vibration and noise



Inspection of special equipment safety

Long-term on-line monitoring system with stability and reliable data