

جهاد دانشگاهی علم و صنعت

(مرکز مهندسی خدمات تخصصی فشارقوی)

طراح، سازنده و ارائه دهنده خدمات تست

تجهیزات آزمایشگاهی فشارقوی

مجموعه های آزمایشگاهی فشارقوی AC, DC, Impulse, Resonant

مجموعه آزمایشگاهی فشارقوی مختص مراکز آموزشی و دانشگاهی

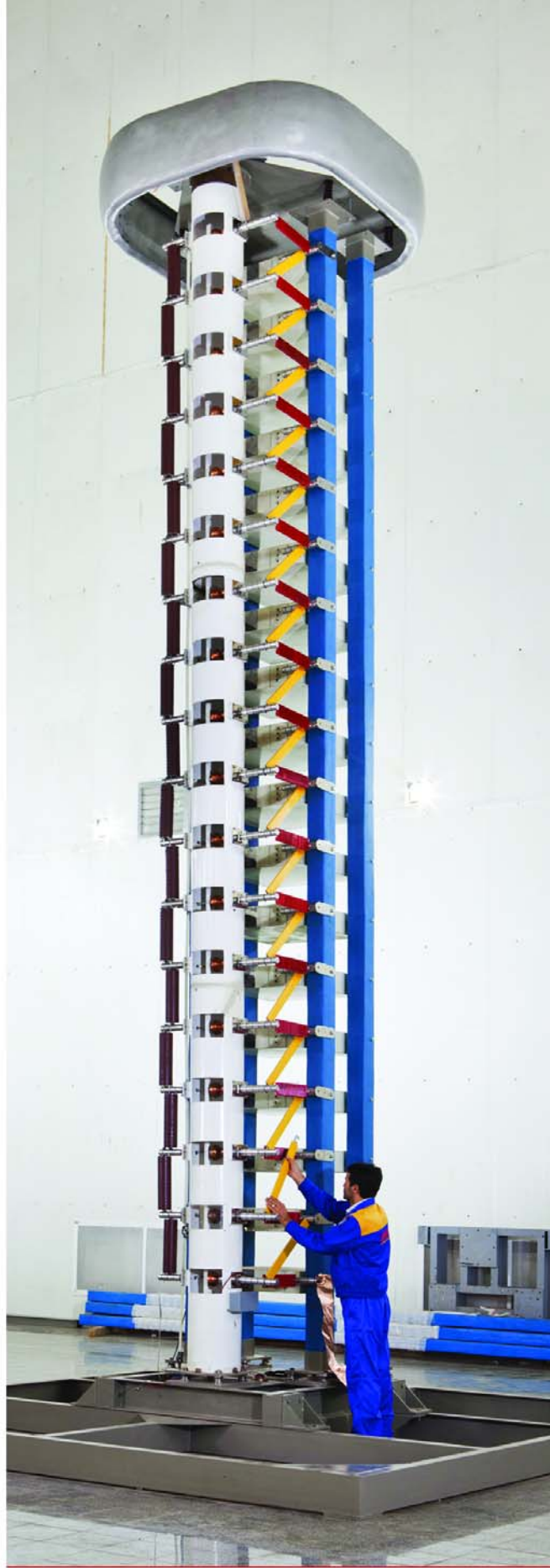
ارائه خدمات مشاوره، طراحی، ساخت و تجهیز آزمایشگاه کنترل کیفیت فشارقوی

تست تجهیزات فشارقوی مطابق با استاندارد

ISO/IEC 17025



**HIGH
VOLT**



JDEVS

High Voltage Engineering Center



HVCA04-00

تهران، نارمک، خیابان فرجام، خیابان شهید حیدرخانی، خیابان شهید ملک لو، شماره ۱۹۰-۱۸۸ تلفن: ۷۷۴۵۸۴۴۰، دورنگار: ۷۷۴۵۵۰۰۳

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Cable Test Systems & Services

● HIGH VOLTAGE RESONANT TEST SYSTEM

AC resonant test systems are practically important where the testing load is capacitive and proportionally big with low loss such as HV cables, GIS, and generator windings.

These systems are available both in variable reactance and frequency (20-300 Hz) types. They are built for indoor and also outdoor applications.

Test and manufacture orders will be accepted for different levels of voltage and output power, upon request.



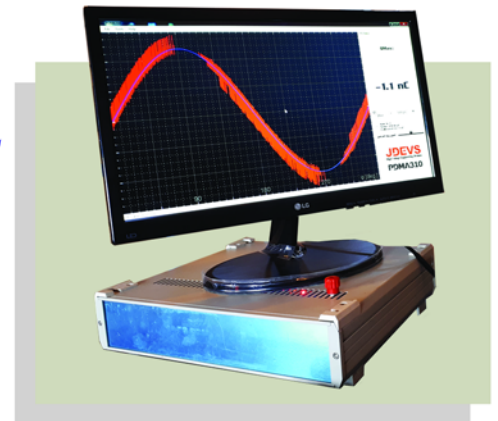
● HIGH ENERGY IMPULSE TEST SYSTEMS

Impulse test systems are based on the Marx generator. They provide the standard lightning ($1.2 \mu\text{s} / 50 \mu\text{s}$) and switching ($250 \mu\text{s} / 2500 \mu\text{s}$) impulses to test various test objects such as transformers, bushings, cables, insulators, switchgears, and many more from 10 kV up to 2.4 MV other specifications will be upon request.



● PC BASED SYSTEM FOR PARTIAL DISCHARGE DETECTION AND ANALYSIS

Partial Discharge (PD) measurement is a non-destructive insulation test of HV equipment. It is a vital test for several HV apparatuses according to IEC standards. The PC based system is suitable for PD measurement of equipment such as HV capacitors, transformers, insulators, cables, and electrical machines.



● CABLE TEST SERVICES

Lightning impulse voltage withstand test

Partial discharge measurement test

AC voltage withstand test

DC voltage withstand test

After installation AC test



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