

ZENSOL

DIAGNOSTIC INSTRUMENTS FOR
HIGH VOLTAGE APPARATUS



WWW.ZENSOL.COM



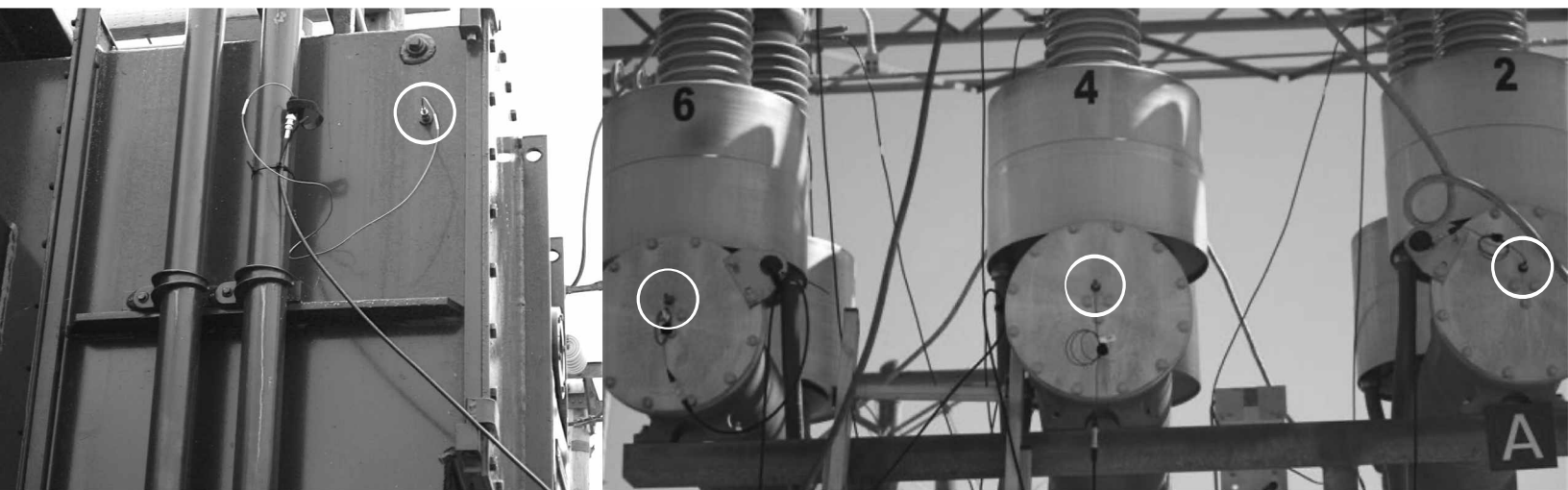
Founded in Montreal by Fouad Brikci Ph.D. in 1990, Zensol Automation Inc. is a Canadian company that specializes in the development, production, and sale of testing instruments for electric power companies, service companies, training and research centers.

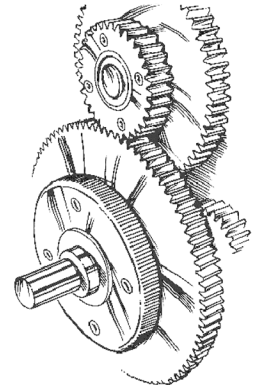
With over 30 years of experience, Zensol is a leader in the industry, known for the quality and diversity of its highly qualified products and maintenance services. The company has achieved great success worldwide, solidifying its reputation as a trusted provider of innovative solutions for the electrical energy industry.

Who we are

What makes us stand out

Like a stethoscope, our vibro-acoustic diagnosis technology allows us to assess the condition of transformers and breakers, both online and offline. Developed and patented by Hydro-Québec in 2001, Zensol has been leading the way in vibro-acoustic diagnoses for high voltage equipment since 2006. With this innovative technology, Zensol helps you move toward predictive maintenance and keep your equipment in top working order.





Due to the critical role of breakers and transformers, predictive maintenance is becoming essential for maintaining their peak performance and minimizing the risk of unexpected failures. Thanks to the understanding and interpretation of the “sounds” emitted by your circuit breakers and your OLTCs, we learned to establish and assess their state of health. We therefore acquired the know-how to easily build up specific maintenance action plans for your circuit breakers and your OLTCs.

By “listening in” OLTCs and breakers performance and identifying trends, your technicians can easily take proactive steps to repair or replace components before a problem appears. In fact, thanks to our instruments (TAP-4, CBV, OTM) specialized in vibro-acoustic ‘listening’, we can help you enter the world of predictive maintenance.

Predictive maintenance



VIEW FROM THE METCALFE HOTEL, OTTAWA



We manufacture instruments

Zensol manufactures portable and rugged instruments suitable for harsh environments with extreme temperatures ranging from -40 to +60 degrees. Known for their durability and outstanding performance, these instruments boast a long lifespan of over 15 years. Additionally, there are no fragile components such as printers, keyboards, or screens, ensuring maximum protection for the tools.

We develop softwares

Our instruments are powered by our software programs, which are accessible through portable computers. Designed specifically for electrical industry professionals, these software programs offer in-depth analysis of recordings made on circuit breakers and transformers. The programs share a common user interface, significantly reducing the learning curve typically associated with specialized software.

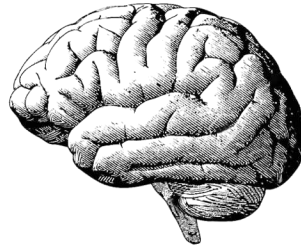


SAINTE-AGATHE DES MONTS, QUÉBEC

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Our services

Our highly skilled experts will provide customized maintenance seminars, both theoretical and practical training, as well as webinars. Leveraging their extensive experience, they will impart the necessary knowledge to effectively operate our systems and enhance your diagnostic skills



Sharing Knowledge

Sharing Knowledge is a valuable resource for anyone involved in electrical maintenance and servicing. With a large number of articles and videos on circuit breaker and OLTC diagnosis, Sharing Knowledge is a leading source for those seeking to improve their electrical maintenance skills.. Our goal is to share our knowledge and expertise to help our clients make informed decisions and maintain their electrical equipment at the highest standard.

www.zensol.com/en/sharing-knowledge

*MAINTENANCE TEAMS OF ELECTRICAL UTILITIES
BREAKER AND TRANSFORMER MANUFACTURERS
ELECTRICAL MAINTENANCE SERVICE COMPANIES*



Who are
our clients

Our global reach



Sales in more than 50+ Countries
More than 500+ clients

TAP-4-PLUS

Tap-Changer Analyzer
Software driven instruments



TAP-DRM

OLTC Dynamic Resistance Measurement

OTM-X

Standalone oltc Event Recorder



OLTC diagnosis

ALBERTA
QUÉBEC



BAIE-SAINT-PAUL
QUÉBEC



BREAKERS diagnosis

CBV-19/32 CBA-32P

6/12/24 CONTACTS, TIMING, MOTION, DRM,
VIBRO-Acoustic, First Trip, Dual Grounding



CB-14

6 small contacts

OTM-X

Standalone Event Recorder





750 KV
URUMQI, CHINA



735 KV
LEVIS, QUÉBEC

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