



The Most Eco-Friendly Vaporizer Available - see Page 2

ITO EUROPE

Spring 2014

NEWSLETTER 4

60 Years of Innovation → ITO Corporation

by Neil Ormrod

60 years 1954 – 2014



Founded in 1954 ITO Koki is now in its 60th Year. The celebration began at the annual assembly in Osaka where amongst many highlights our President Mr Niroh Utsumi was honoured for his 'first' Fifty Years with the company!



Over the years the name Ito Koki has become synonymous with innovation, being one of the first to develop automatic changeovers and developing telemetry systems to fully operate with different and varied interfaces. Also, bringing forward the

award-winning PA System initially to act as a lifeline in earthquakes and other disasters and now with many uses by generating synthetic natural gas and more recently the most environmentally eco-friendly vaporiser available for LPG, (the ecoRizer).

Watch this space there is more to come.

Change of name, Change of Logo but The Quality Remains the Same

On April 1st 2014 we changed our name to the **ITO Corporation** which stands for:

- Innovation
- Technology
- Origination

It has been renamed to be more attractive and accessible to the people all over the world to achieve further development not only in Japan but also the global market.



We at I·T·O Corporation strive to maximize our R&D capabilities, as well as our credibility and brand strength. We also launch our new logo which we feel will give a stronger identity to our ever expanding range.

The ITO Corporation has factories and offices throughout Japan, Korea and China plus offices in Vietnam and the latest subsidiary ITO Europe. We also have many partners offering a fully global network..)

Events 2014



ITO Corporation: Genoa Booth 25&26



ITO Corporation: Miami Booth 8g

One More Step Towards Perfection

With the addition of the TAX₁₀ OPSO we have moved closer to a complete range of automatic changeovers and all with remote telemetry function.

The TAX₁₀ OPSO is now fully certified by BSI to EN16129 and offers an automatic changeover which can give Over Pressure Protection to installations up to 4 cylinders (4 x 47 kg) per side.

The extra safety feature of the OPSO reset means that it is easily viewed when there is a fault within the system and it cannot be jammed open whether by accident or design therefore offering perfect safety.



8 Kg
10 Kg
20 Kg
30 Kg
50 Kg
10 Kg OPSO
All EN Certified

With its aluminum body and melamine alkyl coating the (T)AX Range offers high quality protection against corrosion in high salt atmospheres as well as other polluted environments.

The ITO changeovers can be used with many different telemetry systems. We have developed a strong relationship with Silicon Controls who are the manufacture of the Gaslog system. This system is used widely throughout the UK and Europe and has so far sold over 100,000 units worldwide.

- Small and compact and easily installed
- Highly Robust and Reliable
- Completely waterproof in housing and connectors
- Totally safe, ATEX Zone 0 Certified
- 10 year battery life
- Notification by SMS or email
- Operates from -30°C to + 60°C

Reduce Operating Costs and Improve Customer Service

ecoRizer SR-W



The ITO Corporation has been developing and re-developing this eco-friendly vaporizer for many years. The ecoRizer uses no electricity or external power/heating source of any kind. It uses only the warmth of the air to vaporize the liquid LPG reducing (removing) considerable running costs as well as environmental costs and cutting down the carbon footprint in the process.

Recent cost comparisons with the equivalent electrical hot water type vaporizers give a payback period of approximately 4 years and a cost saving on running costs of GBP 70,000 over a ten year period (depending upon size).

We were asked to present a Technical Paper to the General Technical Committee of the WLPGA last Autumn and a copy of this paper is available with a Power Point presentation on our website: <http://www.ito-europe.com/products-2/ecorizer-air-heating-type-vaporizer/>

With sales of over 650 units sold so far the ecoRizer is proving invaluable and cost effective especially in areas without stable electricity supplies.

The ecoRizer is available in many different sizes please check the website www.ito-europe.com for more information or contact us direct on the address at the end of this news sheet.

PA System News

Off Grid when On Grid!

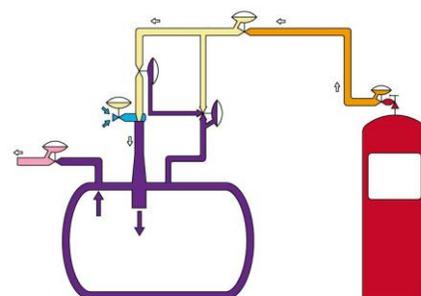
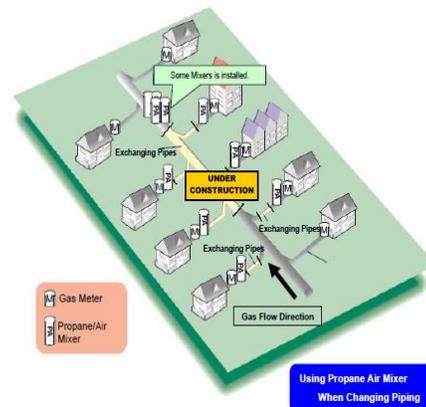


It may not sound right but what happens when the Natural Gas Grid you are on fails such as by earthquake, terrorism, maintenance, supplies cut off by another country.....

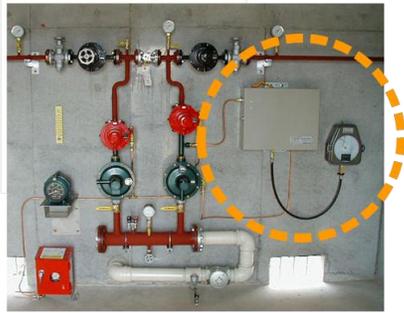
The PA System takes LPG (propane) and mixes it with air producing a synthetic gas at the outlet with the equivalent burning properties and Wobbe Index as Natural Gas.

Following BSI approval for sale throughout Europe we have now begun sales into mainland Europe and within the UK.

Full details and an enquiry form are available on the website: <http://www.ito-europe.com/products-2/pa-system/>



Leak Detection Systems



How do we check for leaks in buried Gas Pipework? Boring, digging, sniffing?

It can be tough and expensive work to detect gas leakage from underground piping because you need to stop the LPG supply and to inspect the whole piping which also takes a long time and causes inconvenience.

The ITO Corporation has an innovative solution – The HLB Gas Leak Detection System for inspecting gas leaks in underground piping. It detects and monitors the pressure in the piping. Based on these records it is able to judge whether the gas is leaking or not.

HLB monitors the existence of the smallest amount of gas flow (leakage) when gas is not consumed such as during midnight and early morning. If there is a short period of time when gas is not consumed even once, HLB can detect the leakage.

It records the pressure changes for 30 days/ 24 hours a day in the target area.

In Japan, it is mandatory to conduct the inspection for the new underground piping once every two years.

HLB has three main features:

1. This device can detect gas leakage from underground piping if you do not use the gas for a short period of time.
2. It can be added to any existing system.
3. It is easy to install and remove. Easily transferred from site to site.

Natural Gas Equipment

The REGIT Exclusive Governor



REGIT was jointly developed with Japanese Gas Companies for a broad range of usages. It is classed as an 'Exclusive Governor'.

What is an Exclusive Governor?

The exclusive governor is a gas pressure reducing governor which is made exclusively for high consumption usage and installed locally to the end use for more highly efficient gas usage; be they industrial premises, housing developments, hotels and restaurants etc.,

What was the purpose of the development of the REGIT range?

With greater demands for stable gas supplies and of course more stringent requirements for safety. Requests for smooth management, high-level safety functions, high responsiveness to cope with the usage requirements of a variety of equipment. The REGIT range was therefore designed and developed to meet these challenges. The additional target of reducing costs was also met within this development

What are the main features of the REGIT?

- *Significant Cost Reduction*
- *Outstanding Quick Response & Flat Flow Rate Characteristics –*
- *Stable Delivery Pressure - REGIT Applicable Range*
- *Multiple Safety Devices - Safety Countermeasures*
- *Easy Maintenance - Can be carried out by Gas Company Engineers*

- *Gas Supply Sustainability, even when carrying out maintenance and inspection.*
- *Future Orientated structure – It can be upgraded by adding or removing a governor. It can easily cope with changes in specifications to accommodate future district supply pressure increases*
- *Lightweight & compact (Approx. 100 Kg)*
- *The REGIT range of governors utilizes the Active Venturi System to maintain its perfect performance.*

The ITO Corporation has Natural Gas Governors for low, medium, intermediate and high pressure situations in a range of sizes and capacities.

If you have a project please speak to us!



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