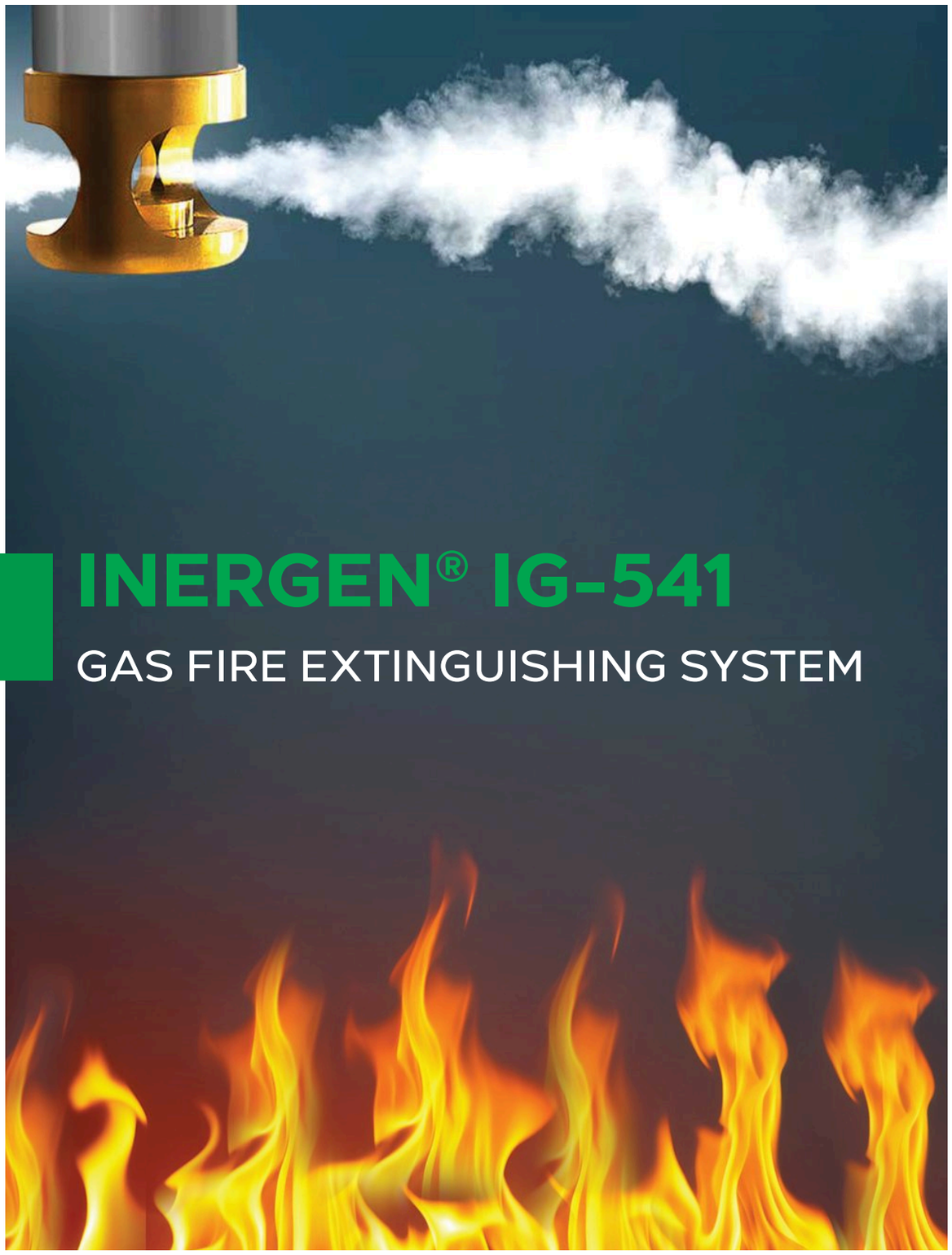
FIRE EATER



INERGEN® IG-541

GAS FIRE EXTINGUISHING SYSTEM



FIRE EATER SYSTEM SOLUTIONS



Stand Alone - Single-Zone Protection:

Designed to protect a single room or zone, this is an independent system solution. It provides a complete structure with its own cylinder, discharge mechanism, manifold and nozzles. It is preferred for projects where independent protection of a single area is required.



SV22 - Multi-Zone System:

A system solution that protects multiple zones using a single common cylinder group. The cylinder group is sized according to the requirements of the largest protected zone; selector valves direct the gas to the zone where the fire is detected. This aims to reduce space and equipment requirements.

APPLICATION AREAS

- Archives and Libraries · Computer and Server Rooms · Financial Centers and Banks
- Marine and Maritime Applications · Hospitals · Generator Rooms · Laboratories
- Machinery Rooms · Data Centers

A CUSTOM SOLUTION FOR YOUR PROJECT WITH AYSO TEKNİK

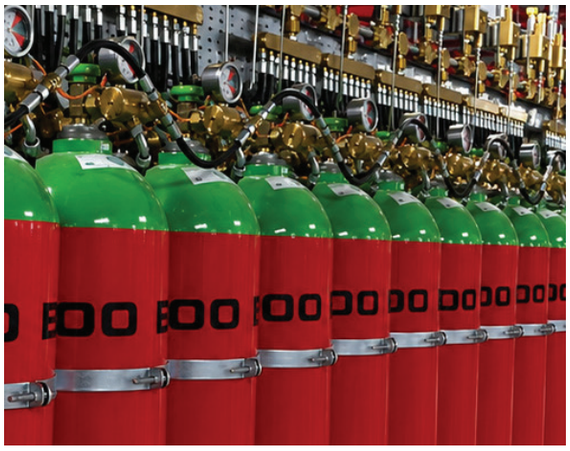
We analyze your requirements and determine the system solution suitable for the protected area and project conditions; we manage the calculation, implementation and commissioning processes from a single point.

AY-SO
Fire | Pumps | Valves | Service

RIGHT TECHNOLOGY, RIGHT APPLICATION

EXTINGUISHING AGENT USED IN THE SYSTEM: INERGEN® (IG-541)

INERGEN® (IG-541) is the inert gas extinguishing agent used in Fire Eater systems. It consists of 52% nitrogen, 40% argon and 8% carbon dioxide. The system aims to prevent fire development by reducing the oxygen level in the protected enclosure from 20.9% to a range of 12–15%.



SYSTEM / COMPONENT	TECHNICAL INFORMATION
Extinguishing Agent	INERGEN® / IG-541
Composition	52% Nitrogen · 40% Argon · 8% CO_2
Stand Alone	Single zone / independent cylinder group
SV22	Multi-zone / shared cylinder group
Cylinders	2–20 L: 200 bar · 30–140 L: 200 or 300 bar
IN-20 ISO Nozzle	Single orifice Ø1–Ø36 mm · 360° lateral distribution

KEY FEATURES OF INERGEN®

- Residue-free extinguishing
- Helps protect sensitive equipment
- Fast extinguishing
- Helps prevent re-ignition
- Reaches hard-to-access areas through three-dimensional gas distribution
- Aims to reduce downtime in critical operations

SYSTEM TESTABILITY

Fire Eater emphasizes that critical system components can be tested without performing a full discharge. Testable components include the solenoid, IV8 valve, SV22 valve, manifold, pressure switch and other critical elements.

THE RIGHT SYSTEM, THE RIGHT APPLICATION WITH AYSO

Site Survey → Risk Assessment → System Selection → Engineering Design → Hydraulic Calculation → Installation → Commissioning → Periodic Maintenance

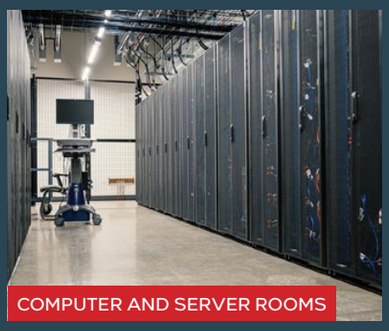
FASTEST | SAFEST | AYSO

15 YEARS OF EXPERIENCE
500+ PROJECT REFERENCES

AYSO TEKNİK offers Fire Eater INERGEN® fire suppression solutions in Türkiye, providing end-to-end professional services from needs analysis and system design to installation and periodic maintenance



ARCHIVES AND LIBRARIES


COMPUTER AND SERVER ROOMS


FINANCIAL CENTERS AND BANKS


MARINE AND MARITIME APPLICATIONS



HOSPITALS


GENERATOR ROOMS


LABORATORIES


ENGINE ROOMS / MACHINERY SPACES


DATA CENTERS

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Fire | Pumps | Valves | Service