

## Freeze Proof Cable Heated and Insulated Emergency Shower and Eye/Face Wash ISTEK Type ES-ICH & ESW-ICH



**Article Number:** 15036100 - 15036100-316 - 15036100-EX - 15036100-EX-316 - 15036150 - 15036150-EX - 15036100 (PMŞ) - 15036150 (PMŞ)

(OUTDOOR USE FOR COLD CLIMATES)

Protective against Freezing with cable heating (10-15 W/m, AC 230 V, Ex-Proof) and complete insulating system Suitable for extreme cold weather conditions Green color is standard. Beige and black color is available.

### Product Features:

- **Durable and Aesthetic Design:** ISTEK TYPE ESW features a stainless steel structure, offering durability and an aesthetic appearance. It is suitable for floor mounting with its own base. It saves space and maintains order in the workspace.
- **Certified for Safe Use:** Our ATEX-certified (explosion-proof) and (non-explosion-proof) models are available for safe usage in hazardous environments.
- **Manufactured to Standards:** Produced and certified in accordance with ANSI/ISEA Z358.1-2014 and EN 15154-1, EN 15154-2, EN15154-5 standards.

### Standards



CE Mark



Ex-Proof (ATEX)



EAC/GOST-R



Meets requirements

of ANSI standard.



EN 15154-1



EN 15154-2



EAC

# TECHNICAL DETAILS

---

Push Handle Control for Eyewash, Pull Rod Control for Shower

Available for hazardous and non-hazardous areas

10-15 W/m, AC 230 V, Ex-Proof Cable Heating with Insulation for freeze protection

**Shower Material** : 304 Stainless Steel or Galvanized Steel

**Pipes** : 1 1/4" Stainless Steel or Galvanized Steel

Shower Head and Eyewash Bowl : 300 mm diameter, Stainless Steel or Galvanized Steel

**Water Inlet** : 1"

**Water Outlet** : 1 1/4 "

**Water Flow** : Minimum 11.4 lt/min for eyewash  
Minimum 75.7 lt/min for shower

## With Optional Equipment, We Assist You In Creating The Safest Solutions Tailored To Your Needs.

Discover our emergency shower systems, designed to keep safety at the highest level in your workplaces. Our high-quality solutions go beyond meeting standards, allowing you to enhance functionality and safety with optional equipment tailored to your needs.

### Advanced Safety Alarm Systems

Our emergency showers are equipped with [audible](#) and [visual](#) alarms. When water flow is detected, a signal is sent from the flow switch to trigger an immediate alarm. This ensures that people around you and your supervisors are promptly alerted during emergencies, enabling rapid response.

### Ex-Proof and ATEX-Compliant Solutions

For safe use in hazardous environments, we offer ex-proof (explosion-proof) devices. Our systems, designed in compliance with ATEX regulations, help ensure safe and seamless operation even in hazardous zones.

### Remote Monitoring and Recording Systems

When our showers are activated, a signal is sent to a remote room, and the event is recorded. Additionally, remote alarm systems can provide instant notifications, enabling you to monitor and track incidents. This ensures you remain in control at all times and simplifies incident management.

[Standard Temperature Control with Thermomixing Valves](#)

Thanks to our thermomixing valves installed at the water inlet, hot and cold water are mixed to provide the desired standard water temperature. This feature enhances user comfort while guaranteeing safe water temperature management.

#### **Freeze Protection and Scald Prevention Valve**

Our emergency showers can be equipped with a freeze protection and scald prevention valve to ensure your safety even under adverse temperature conditions. This feature prevents water from freezing while also blocking excessively hot water flow. Thus, your system operates reliably under all conditions, ensuring maximum user safety.

#### **Flow Switch**

#### **Freeze Protection Valve**

#### **Electrical Connection Box**

#### **The Flanged Water Inlet**

#### **Visual Alarm for Shower**

#### **Audible Alarm for Shower**

#### **The GRP Grate and Water Collection Basin**

#### **Internal and External Lighting**

#### **Scald Protection Valve**

#### **The Water Pressure Gauge**

#### **The GRP Platform Activation**

#### **The Hot & Cold Water Mixing Valve**

#### **The Foot Pedal Controller**

#### **Wastewater Pump**

#### **The Wastewater Tank**

#### **The E-GSM Warning Device**

#### **The Check Valve**

#### **The Compliance Test Kit**

#### **The Hydrofor**

#### **The Trigger Valve**

#### **The Proximity & Motion Sensor**

#### **Pressure Regulator**

#### **Filter for Water Inter**

### **Why Choose ISTECS TYPE ES?**

At ISTECS, we aim to deliver the highest level of quality and reliability in occupational health and safety. Our pedestal-

type emergency showers provide rapid and effective emergency response and are manufactured in accordance with the most important industry standards. Choose ISTEÇ's quality solutions for a safer working environment.

### **For More Information:**

**Contact** our sales team for detailed information about water temperature control and other special solutions. Our professional team is here to provide the most suitable solution for your needs!



İvedik OSB Mh. 2269. Cd. No:42 PK.06374 Yenimahalle / ANKARA



0312 384 13 00



info@ist.com.tr