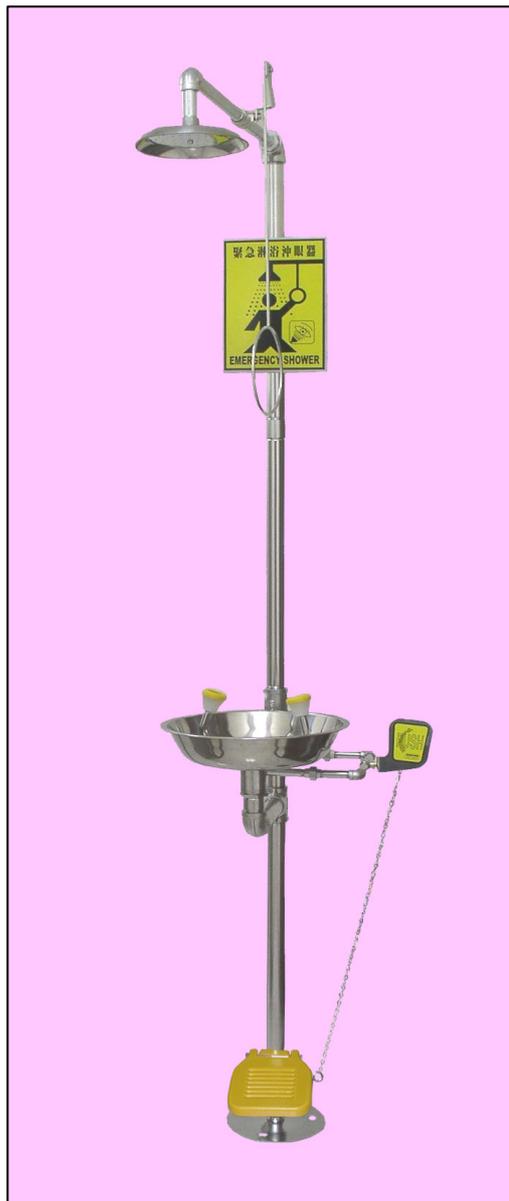


# Emergency Shower and Eyewash

**Model : ESE**

**Instruction & Operation Manual**



**ENSHINE SCIENTIFIC CORPORATION**

## **Brief:**

Dealing with the environments of workplace or laboratory offers the equipment of safety protection in emergency shower which insures the security of operators with a design of flooding prompt shower so that operators alleviate cause to chemical, fire and dust.....as injured accidents. The emergency shower is the best of safety products for workers in workplace and public place.

## **Features:**

1. In special parts and whole design supply flooding shower for using immediately to alleviate injured people in body as well as eyes, achieving the best of protection.
2. All tubes of the equipment are made the SUS304# material with special antirust process. The instruction is durable, stable and sophisticated in appearance.
3. The foot control is used with the special  $\infty$ -type chain for transmission which can be adjusted to be short and long conveniently, and to connect the hand push plate for satisfying two functions with the hand push and the foot control.
4. The foot control is fixed by bottom tube above the T-tube outlet, and we don't need to bore on the floor for easy-installed-use and convenient. Additionally, the whole equipment is more complete, sophisticated and pleasing.
5. The special-operated-design for pull rod, hand push plate and foot control is very prompt and convenient in use.
6. Whole set of equipment is just need to provide with the water-supplied-tube, and it is fixed and installed easier.

## **Suitable Areas:**

There are dangerous areas about chemical industry, pesticide factory, environmental dust, kitchen and public place.

## Specification:

Model		ESE
Dimension		All height : 2350mm
		Shower height : 2150mm
		Eyewash height : 1080mm
Bore		Supply water : 1 1/4" SUS304 # stainless
		Waste bore : 1 1/4" SUS304 # stainless
		Shower tube : 3/4" SUS304 # stainless
		Eyewash tube : 3/8" SUS304 # stainless
Connection		Supply water : 1 1/4" D (PT)
		Waste bore : 1 1/4" D (PT)
Spray head	Eyewash	Stainless material , Ø50mm x 44mm ( H )
		Include two kind filters , with yellow plastic floating cover
		Basin dimension Ø345mm
	Shower head	Stainless material
		Dimension Ø200mm
Hydraulic pressure		Above 1 Kg / cm <sup>2</sup>
Actions	Shower	A stainless actuator ( stay open or close )
	Eyewash	Head and foot operated with special ∞ type stainless chain
Features		1. All tubes are stainless SUS304 # material , with special antirust process
		2. Included sign ( 305x230mm , Chinese & English language with graph )
		3. Meet ANSI Z358.1-1998 , CNS 14251 T2048-1998 , DIN 12899
Dimension Error		±2%

## **Installation:**

1. The base is set for suitable place with an electric drill boring on the floor where the base is fixed with attached screws.
2. Then combine the T-tube outlet with bottom tube together. Additionally, use a thread seal tape to twist on MNPT and spread Silicon on FNPT (or spread AB glue on MNPT and FNPT, as combined MNPT with FNPT), then combine and rotate those tightly against dripping water.
3. The U-type screws of foot control assemble are set into the bottom tube above the T-tube outlet, and screw nuts above two sets of U-type screws are fastened tightly. Then fix the foot control already.
4. Follow the steps to combine with top tube, top pull rod and shower head together. Combine each MNPT and FNPT according to the second step, and finish the installation of main body.
5. The hand push plate is fixed on 3/8" valve where AB glue is spread to combine FNPT with PT for avoiding the hand push plate shaking. Furthermore, to fix the transmissible chain above the back holes of hand push plate and the rings on foot plate, then adjust the length of the chain.
6. For connection of water-supplied, provide the water-supplied with suitable PVC tubes or other tubes to transfer and combine with the 1-1/4" PT of T-tube.
7. Finally, the outlet of T tube on bottom base which connects with suitable tube to find a nearest outlet, and we are finishing the all installations.

## **Attentions:**

1. The hydraulic pressure is required above  $1\text{kg}/\text{cm}^2$ . When the pressure is insufficient, please install a pressurized pump additionally.
2. This equipment shall be inspected per month. In broken components or parts shall be renewed and maintained for keeping a best efficiency.
3. When installing the hand push plate, please fasten onto tooth axle center of valve carefully, and avoid making the harm to the thread of tooth.