

The FOREDE® Brand PSKDY-ZB Portable Fire Monitor is a high-tech product with the highest fire-fighting efficiency and the safest protection of life and property in fire-fighting equipment.

It is composed of mechanical transmission device, master stream nozzle, wireless remote control, servomechanism, etc. It is an integrated design, compact structure and easy to carry.

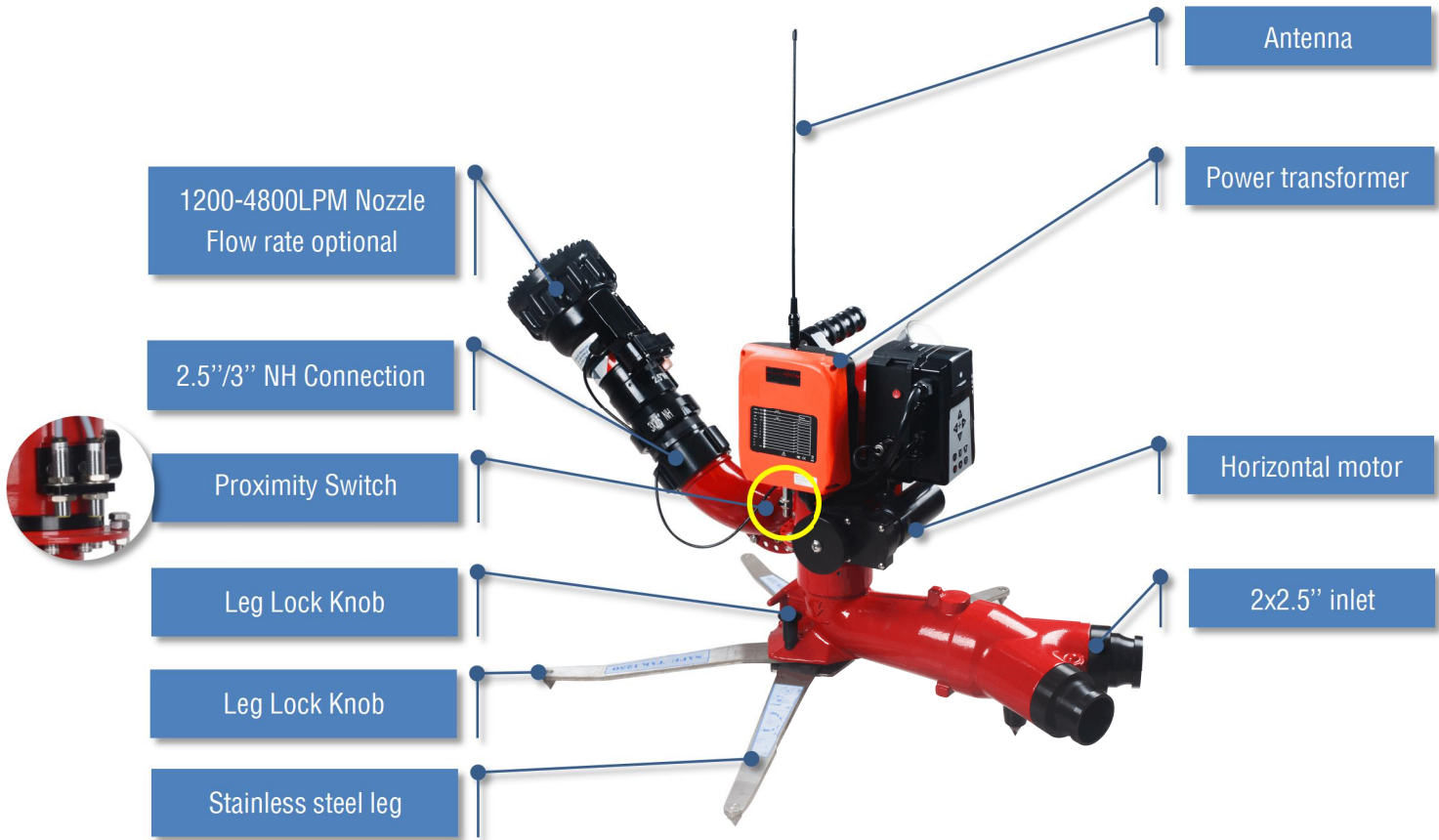
In the event of a fire, firefighters can connect the water inlet of monitor to fire hose and insert the four legs spike at the bottom into the ground. The safety belt is fastened to a fixed position and then evacuated from the scene, which can be a long distance away. Wireless remote control operation can also be used to extinguish the fire through the button on the operation panel to avoid casualties. When operating with a wireless controller, the fire monitor can be rotated horizontally and vertically, switch straight stream or fog pattern, so that fire sources in various directions can be extinguished.

FEATURES

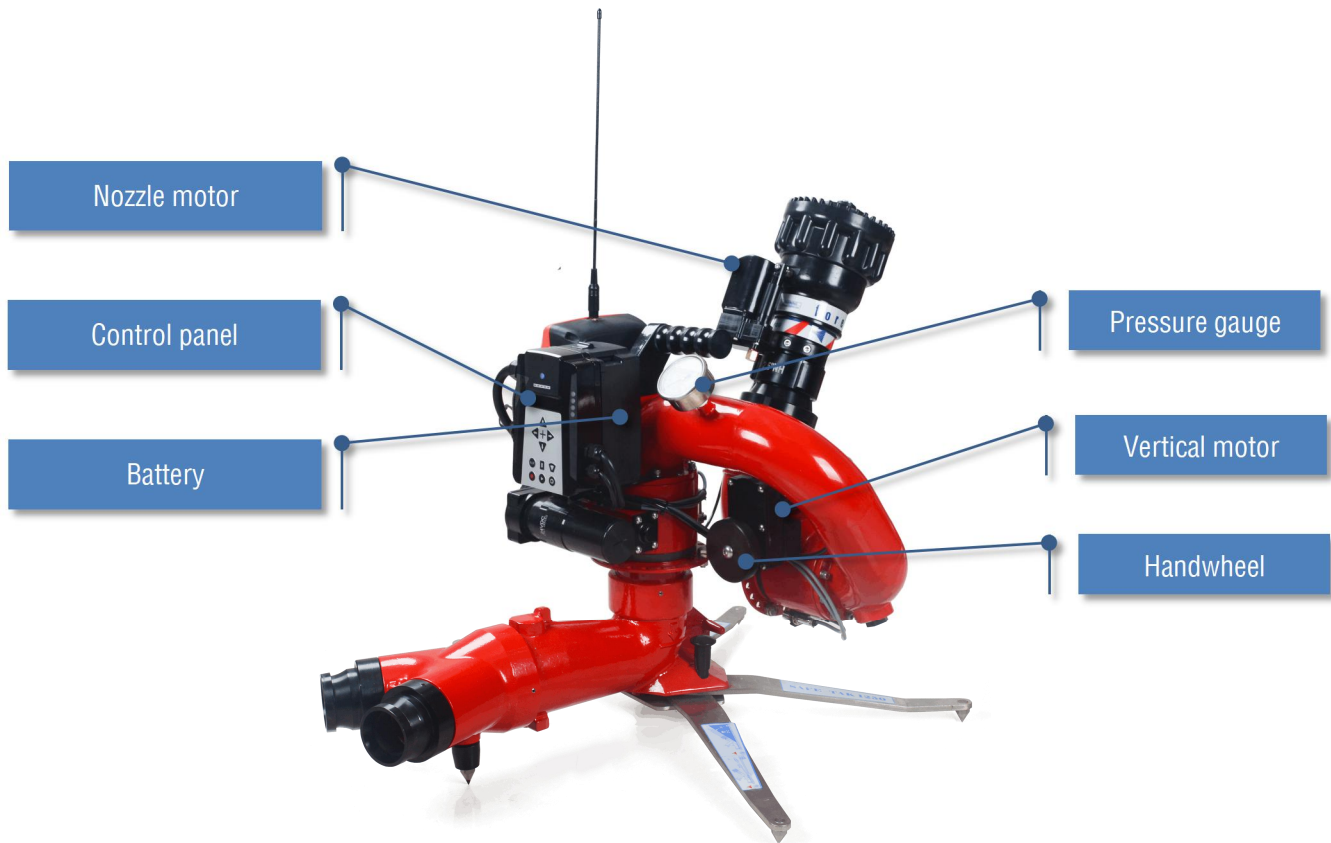
- Stainless steel 304 construction
- Elevation stream range of 60°, from +30° to +90° (angle adjustable)
- Horizontal 360° (angle adjustable)
- Stainless steel folding legs
- Stainless steel spikes for extended resistance to wear
- Large handle for excellent portability
- Nozzle has a built-in stream sharper
- Available for straight stream and fog pattern
- Control system with RC transmitter and control panel
- Servomechanism system
- Battery is quickly removable
- Long service and easy repair
- Liquid-filled pressure gauge
- Flow rate 1200-4800 LPM, automatic nozzle
- Water Jetting Range: Max ≥80 meters@4800LPM
- Working Pressure: 10-12 bar (1.0-1.2 MPa)
- Net Weight: 25kg (Monitor); Gross weight: 52kg
- Wooden Case Package: 105*52*72cm
- Color: RAL3000 Red standard



Model	PSKDY40ZB	PSKDY40ZB	PSKDY40ZB	Material
Flow Rate	1200-1800-2400 LPM Adjustable Nozzle	3600 LPM Automatic Nozzle	4800LPM Automatic Nozzle	Body: Stainless Steel 304 Nozzle: Hard Anodized Aluminum alloy Folding leg: Stainless Steel Spikes: Stainless Steel
Working Pressure	1.0 MPa	1.2 MPa	1.2 MPa	
Water Jetting Range	≥ 65 meters	≥ 70 meters	≥ 80 meters	
Max. Fog Angle	120°	120°	120°	
Outlet	2.5" NH Connection	2.5" NH Connection	3" NH Connection	
Inlet	2x2.5", All International Coupling available	2x2.5", All International Coupling available	2x2.5", All International Coupling available	







SIDE A DETAILS VIEW



SIDE B DETAILS VIEW

CONTROL SYSTEM COMPONENT LIST

NAME	Monitor Device (Standard)	Battery Charger (Standard)
IMAGE		
MODEL NO.	PSKDY-ZB	CDQ24V
DESCRIPTION	DC 24V is standard, DC 12V / AC 220V optional 2X2.5" inlet flange, others customized	24V Charger for Battery
NAME	Safety Belt (Standard)	RC Transmitter (Standard)
IMAGE		
MODEL NO.	AQS-01	CTRL - RCT01
DESCRIPTION	For fixed monitor	Max. 150 meters RC Distance IP67 Standard Sealed



*Understand manual before use. Operation of this device without understanding the manual and receiving proper training is a misuse of this equipment.

*Risk of sliding increases at low elevation angles. To reduce risk of injury or death from sliding, test safety elevation plunger before using.

*This Instruction Manual is intended to familiarize firefighters and maintenance personnel with the operation, servicing, and safety procedures associated with the portable monitor. This manual should be kept available to all operating and maintenance personnel.

OPERATING & BRIEF INSTRUCTIONS

FOLDING LEG OPERATION

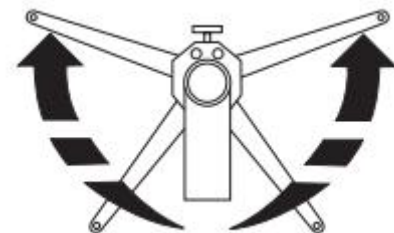
The portable base legs are extended by following these steps:

1. Hold the base carrying handle with one hand and grasp the end of one of the longer legs with the other hand.
2. Pull this leg away from the base forward in an arc, until the locking pin engages. The locking pin is spring loaded and automatically engages when the legs are in the correct position. Watch the leg lock knob drop down even with the lower band on the base, indicated by an arrow.
3. Repeat steps 1 & 2 for the other set of legs.
4. Set portable base on even ground with all leg spikes in contact with the ground.
5. Lift the storage cap to remove the anchor strap stored inside the base. Keep the strap near the monitor as it will be used to tie off the monitor before use.

To retract the legs for carrying or storage:

1. Pull up on one of the spring loaded leg lock knobs to disengage.
2. Grasp the forward leg on the same side as the knob and push it in an arc, towards the rear of the unit. The leg lock knob may be released as soon as the front leg begins to move out of position.
3. Continue to push until both legs come in contact with the rear stop.
4. Repeat steps 1, 2, & 3 for the other set of legs.

WARNING: In the unfolded position, the legs provide a stable base for operation of the monitor. Lack of stability can cause an out of control monitor resulting in injury or death. Do not operate as a portable monitor with one or both legs in the folded position.



RC TRANSMITTER OPERATION

BUTTONS	DESCRIPTION
EMERGENCY STOP	The red button, rotate to disconnect the signal connection with Fire Monitor
START	The green button, connect the signal connection with Fire Monitor
LEFT	Turn left the nozzle horizontally
RIGHT	Turn right the nozzle horizontally
UP	Turn up the nozzle vertically
DOWN	Turn down the nozzle vertically
JET	Straight stream
FOG	Fog spray
REC	Record action
PLAY	Play the recorded action and working automatically



CONTROL PANEL OPERATION

BUTTONS	DESCRIPTION
LEFT	Turn left the nozzle horizontally
RIGHT	Turn right the nozzle horizontally
UP	Turn up the nozzle vertically
DOWN	Turn down the nozzle vertically
JET	Straight stream
FOG	Fog spray
REC	Record action
PLAY	Play the recorded action and working automatically
RESET	Reset the recorded action



AUTOMATIC, CONSTANT, SELECTABLE FLOW NOZZLES

The FOREDE® PSKDY Portable Monitor could attached a variety of water/ water&foam nozzle.

This instruction main for Automatic flow nozzle, if you have special requirements, Please view our website to contact our sales team for more info - www.forede.com



Stacked Nozzle



Foam Attached Nozzle



Flow Adjustable Nozzle

OPERATIONAL REQUIREMENTS & PRECAUTIONS

- ❖ The personnel operating the fire monitor must be trained in operation and be familiar with the relevant operation process.
- ❖ The inlet pressure of water shall not be higher than the working pressure of the monitor.
- ❖ Before using the fire monitor, all personnel in front of the muzzle should be evacuated to avoid danger.
- ❖ When manually operating the fire monitor, please take the handle to avoid danger.
- ❖ When operating, it should be jetted downwind as far as possible to increase the range.

MAINTENANCE

*The maintenance of fire monitors should be handled by dedicated personnel.

- ❖ The fire monitor should be kept clean. After use, the nozzle should be tilted to pour out the remaining liquid in the cavity, and the exterior should be cleaned with clean water and wiped off the water stains. Dual-purpose monitor(water/foam), the interior must be rinsed with clean water, and then the accumulated water must be released.
- ❖ The fire monitor should be maintained regularly, and all fasteners of the fire monitor should be inspected after use and every six months.
- ❖ The meshing part of the worm gear and other rotating parts should be filled with grease for half a year to ensure flexible rotation.
- ❖ All parts should be kept in good condition. If the fasteners are found to be loose and other accessories are damaged, they should be repaired in time.
- ❖ When not in use, cover it with a rain-proof cloth. The unit should be stored in a normal temperature, dry and non-corrosive place.
- ❖ When the working pressure of the fire monitor is found to be too high or the shooting range is short, check whether there is any blockage at the nozzle, and clear it in time.
- ❖ If there is leakage at each connection part of the fire monitor, check whether the seal is intact, and replace the seal in time if damaged.
- ❖ The rotating part of the fire monitor is not flexible, the operation is difficult, or the angle adjustment cannot reach the expected range, grease should be applied to the rotating part or the parts should be replaced in time.
- ❖ In cold areas, take measures to prevent cold and frost, such as drainage and heat preservation.
- ❖ When the fire monitor is used as the vehicle monitor of a fire truck, should be fixed to prevent bumps during driving and damage to the monitor parts.

ORDERING GUIDE

- Model Number
- Inlet Connection way, size and standard.
- Order Quantity
- Shipping/Transportation Way

***Other special requirements please contact FOREDE SALES TEAM.**

Tips: for more related products or other firefighting equipment, please forward to our website, www.forede.com