



# SQD-Sky Inspector

Inspect high-rises buildings with a safer and more cost-effective, gondola-free alternative



## Simple Installation

Quick, one-time installation within 1.5 hours



## Minimal Cost

As workers do not engage in working at height, it can save the operational costs and insurance fee by max 75% \*



## Adaptive Features

Support in use on the different wall surfaces



## Hazard Removal at Source

Gondola-free, minimize the workers to be engaged in working at height to eliminate hazard at the source



## All-in-one Inspection Solution

Providing various inspection tests, including detecting water leakage to surface and water pipe defects, etc.

# Features

## Tools for testing leakage

- AAMA 501 compliance
- 35psi water jet
- 300mm adjustable jet distance

## Pair of propellers

- Auto-stabilizing
- Auto-adjusting distance between robot and wall

## Control mode

- Manual remote control
- Semi-auto mode

## Dual-wire system

- Stabilizing mechanism
- Robot able to move in all directions

## Camera system

- 4 x Live HD wireless cameras

## Safety features

- Anti-twinning system
- Dual steel wire
- Remote emergency stop

# Job Reference



## Water leaking test

@Taikoo Place IIB



## Water leaking test

@Grand Victoria



## Water leaking test

@The Grands



## Water leaking test

@7 Science Park Drive, Singapore



## Water leaking test

@Villa Garda (LP11)



## Water leaking test

@Six Pacific Place

# Specification

Size	1350 x 950 x 1100 mm
Operating height	180 m
Operating width	30 - 40 m
Net weight	73 kg
Maximum speed	8 metres / min
Rated power	2860 W, 13 A
Input voltage	210 - 230 V
Ingression protection (IP) rating	IP 54
Steel wire specification	Ø4.0 mm / 930 kg bearing load
Fall arrest system	Ø6mm steel wire x 2
Wireless remote control	LoRa
Wireless video transmit frequency	5.8 GHz
Water leaking test standard	AAMA 501.2

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