

**TASCO**  
High Quality Products

# Spirits

*Ultra-Mini Vacuum Pump*



*TA150SV-EXP*

*TA150SW-EXP*



ICHINEN **TASCO** CO.,LTD.

# Compact×High Vacuum×Advanced Feature

## Ultimate Vacuum: 25 microns

Air Displacement  
**1.4** CFM (40ℓ /min)

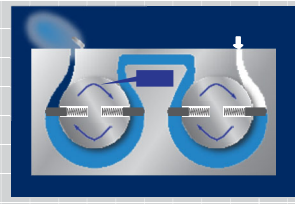
Ultimate Vacuum  
**25** microns

Anti Oil Backflow  
Solenoid Valve

### 2-stage rotor in compact body

The inhaled air is exhausted by two rotors connected in series. Therefore, a large differential pressure is created between the exhaust and intake ports, and a higher vacuum can be obtained than with a single stage. Another reason for obtaining a high vacuum is that the rotor of the first stage is not subjected to reverse pressure load, allowing smooth intake rotation.

### 2-stage rotor in compact body



### Anti Oil Backflow Solenoid Valve



### Compact Size



**Two Stage**

**Weight**  
**3.75**kg

**Name : Ultra-Mini Two Stage Vacuum Pump**  
(with Anti Oil Backflow Solenoid Valve)

**Part No : TA150SW-EXP**

Air Displacement	1.4CFM (40ℓ/min)
Rotor	Two Stage
Ultimate Vacuum	25 microns
Voltage	220V~240V
Motor / RPM	70W / 2880 r.p.m.
Pump Oil Capacity	100 ml
Intake Fitting	5/16" (1/2-20UNF)
Dimension / Weight	120W × 245D × 160H mm / 3.75kg
Accessories	1/4" Male × 5/16" Female adapter (TA159P-4)
Option	Vacuum gauge kit (TA142MK-EXP, TA142MD), Carrying case (TA150PS, TA150CS-21)

# Smallest in class : 2.95kg

## Proposal for a new pump with sufficient capacity

Air Displacement  
**1.4** CFM (40ℓ /min)

Ultimate Vacuum  
**95** microns

Anti Oil Backflow  
Ball Valve

### Lightest in class: 2.95kg



**Gas Ballast Valve**  
Gas ballast valve helps the attainment of deep ultimate vacuum. It also prevents the deterioration of vacuum pump oil.



**Large Sight Glass**  
for monitoring vacuum pump oil

**Weight**  
**2.95**kg

**Name : Ultra-Mini Single Stage Vacuum Pump**  
(with Anti Oil Backflow Ball Valve)

**Part No : TA150SV-EXP**



Air Displacement	1.4CFM (40ℓ/min)
Rotor	Single Stage
Ultimate Vacuum	95 microns
Voltage	220V~240V
Motor / RPM	60W / 2880 r.p.m.
Pump Oil Capacity	90 ml
Intake Fitting	5/16" (1/2-20UNF)
Dimension / Weight	120W × 215D × 160H mm / 2.95kg
Accessories	1/4" Male × 5/16" Female adapter (TA159P-4)
Option	Vacuum gauge kit (TA142MK-EXP, TA142MD), Carrying case (TA150PS, TA150CS-21)

