

## Solarcheck Mobilcenter

*Flush, vent and fill heat transfer fluid in solar loops  
in just one pass*

The servicing unit for solar systems Solarcheck Mobilcenter by ZUWA is designed to meet the requirements of heating engineers and installers. It facilitates the quick and accurate filling of solar systems with heat transfer fluid. The compact unit includes pump, hoses, cart and tank. There are two different types available:

### ■ with Impeller Pump UNISTAR 2000-A

- dry self-priming, needs no initial liquid to be added before operating
- glycol resistant Perbunan impeller
- capable of transporting air within the fluid - important when rinsing or evacuating the air from solar loops
- discharges pump chamber nearly completely, no leakage during transport
- versatile pump designed for a wide range of applications and fluids

### ■ with Centrifugal Pump P 80

- Self-priming
- Attractive price



## More Advantages:

### ■ Rugged Cart

- Easy to manoeuvre on two large pneumatic wheels - suitable also for uneven building sites or stairs

### ■ Temperature-resistant Hose

- High temperature-resistant hose from -40 to 170° C (UNISTAR), up to 60° C (P 80)
- The practical hose holding device keeps hoses tidy. A well fitting interlocking connector prevents leakage of liquid residues during transport.

### ■ 30 Litre Tank

- Blocking valve at the tank outlet.
- Tank can be easily removed for cleaning and has a wide opening with screw cap.
- Tanks are easily interchangeable when using different heat transfer fluids. Replacement tanks can be ordered individually.
- With optional equipment also suitable for mixing the fluid on-site (if not ready-made medium is used).

### ■ Fine Filter

- Solder-, weld- and other residues are filtered out by an integrated fine strainer when flushing the solar loop.
- A large inspection window in the filter enclosure allows for detecting bubbles and debris in the tube.

### ■ Drain valve

- The manual drain valve behind the pump outlet is for emptying the discharge line after use so that it can be easily disconnected from the fittings (only for Solarcheck Mobilcenter with pump UNISTAR).

# Technical Specifications

## Pumps

	 <b>Impeller Pump</b>		 <b>Centrifugal Pump P 80</b>
	<b>UNISTAR 2000-A</b>	<b>UNISTAR 2000-B</b>	
<b>Pump *</b>	dry self-priming impeller pump (max. dry run 1 minute) Perbunan impeller (optional FKM)		self-priming centrifugal pump (max. dry run 1 minute)
<b>Housing/Cover</b>	aluminium ALMgSi 1 (optional stainless steel 1.4571)		cast iron
<b>Max. Flow Rate</b>	30 L/min	60 L/min	31 L/min
<b>Max. Pressure</b>	4 bar		5,9 bar
<b>Motor</b>	230 V with thermal motor protection, on/off switch, 2 m cable with plug		230 V on/off switch, 1,7 m cable with plug
<b>Hose Ø</b>	½" [DN 13]	¾" [DN 19]	½" [DN 13]
<b>Temperature</b>	max. 70°C continuous operation, (with optional FKM impeller up to 90°C)		max. 60°C continuous operation
<b>Power</b>	0,37 kW	0,55 kW	0,59 KW
<b>Drain valve</b>	yes	no	no

\* each with suction-, pressure- and flush hose

## Cart

<b>Material</b>	welded robust chassis
<b>Dimensions</b>	without hoses approx. H x W x D = 1000 x 495 x 535 mm
<b>Tank *</b>	UV resistant PE tank with wide lock-up opening and blocking valve at the outlet
<b>Tank Capacity</b>	30 litres

\* tanks individually available, each with blocking valve and pump connection



**ZUWA-Zumpe GmbH**  
**Pumps and Sprayers**

Franz-Fuchs-Straße 13 - 17 • D-83410 Laufen  
 Fon: +49 8682 89340 • Fax: +49 8682 893434  
 E-mail: info@zuwa.de • Internet: www.zuwa.de