

Introduction Document

Schaerer ProCare System



To: JDE MSU's
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1 Introduction SchaererProcare System

This document is written to support the launch of the ProCare system. The Schaerer ProCare system cleaning concept is a real gamechanger in terms of hygiene, convenience and economic efficiency.

The system requires nearly no operator interaction, ruling out human errors, and cleaning can be carried out well outside business hours.

ProCare consists of a compact add-on module (width is 12 cm) that allows for easily integration into existing installations, and utilizes two types of cleaning agent (an acidic and alkaline type), each supplied in separate powder pouches.

The powder form ensures that transportation and handling is hazard-free.

2 Concept information

ProCare makes daily system cleaning convenient: The cleaning program can be set to run automatically, even outside operating hours, and runs for up to 100 autonomous system cleaning cycles. Only the last mile (hose(s) from fridge to Procure unit) should be done every time the machine is filled.

FEATURES

- Fully automated system cleaning
- Cleaning agent in powder form (no dangerous goods transportation)
- Low weight for transportation (6l out of 600g powder)
- Reduced downtime during opening hours by 15 minutes
- Reduced operator interventions by at least 50%
- Reduced unplanned intervention expected -1 int./year



PROCESS SAFETY

- Key secured access
- Wizard guided pouch exchange
- Colour coded connection points
- “Poka Yoke”-principle at connection points (different connector diameters prevent any human error)
- No direct contact with liquid cleaning agent

3 SKU-option/spare part Phase in

MSU's not listed below can request a listing via the standardized A4EQ process.

<i>Introduction dates</i>				
	1-12- 2023	SAP	SAP DESCRIPTION	Remark
Schaerer ProCare System	NL	55126419	PROCARE SOUL SM BLK KIT RIGHT JDE	SM=Single Milk
	NL	55126420	PROCARE SOUL TM BLK KIT RIGHT JDE	TM=Twin Milk

REMARK: Be aware that you have to forecast the 2 articles (55126419 and 55126420) in APO.

4 Technical Data

Mains Connection values*	240 V 50/60 Hz
Nominal power	28-30 W
Fuses, at the installation site	Max. 16 A
Rated current	0.16 A
Output voltage	5 VDC, 24 VDC
Control connection	2 x CAN Mini-DIN 6-poles
Basic cleaner capacity	600 g
Acidic cleaner capacity	600 g

External dimensions

Width	120 mm
Height	583 mm SOUL
Depth	459 mm

Weight

Empty weight	8 kg
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Noise level

Continuous sound pressure level	<70 dB(A)**
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Subject to technical changes. * For special equipment, see serial plate. The values specified here apply to the standard equipment. ** The A-weighted noise level (slow) and Lpa (impulse) at the operating personnel workstation is below 70 dB (A) in every operating mode.

5 Service Aspects

Training

Training can be provided by the International Trainers, and will be scheduled based on request. If you need additional support, please contact your Customer Support Specialist.

Documentation

All user and service related documentation can be found on the <https://jacobsdouweegbertsprofessional.support/espresso/schaerer-procare-system> site.

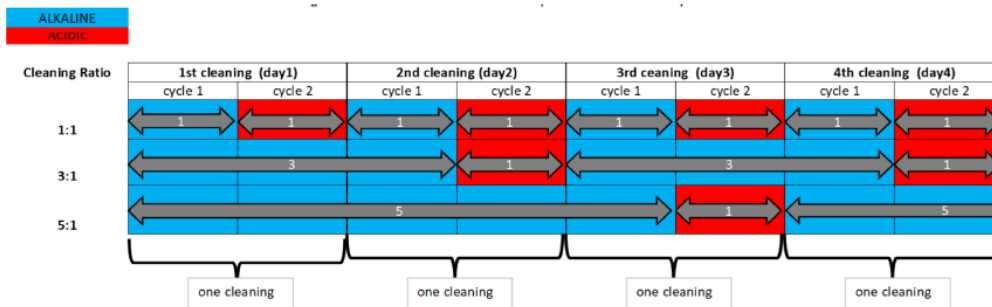
Cleaning materials/filters		
TYPE	ZFIN	ZSPR
CLEANING BAG PROCARE BLUE 600G*	tbd	55126376
CLEANING BAG PROCARE RED 600G*	tbd	55126377

*1 piece is delivered with the Schaerer ProCare System.

REMARK: Until further notice the cleaning pouches should be ordered via the technical help desk. As soon as this will change there will be a service information.

Cleaning schedule

Cleaning product ratio - logic



A daily cleaning, consisting of two cycles, lasts ten minutes. Both cycles, depending on the setting, are as follows:

- One cycle basic (blue) and one cycle acidic (red).

or

- One cycle basic (blue) and one cycle basic (blue).

Ratio 1:1

- Produces one cycle basic (blue) followed by one cycle acidic (red).

Ratio 3:1

- Produces three cycles basic (blue) followed by one cycle acidic (red).