Custom
Filtration Solutions

CPG-MC – Custom Pharmaceutical Filter Housing

Liquid & Gas – Multi Cartridges

C P G M C S E R I E S



High-capacity performance

The **CPG-MC** is the high-capacity version of the PHARMACRAFT filter housing, designed to accommodate 3 to 12 standard 10‘, 20’ or 30" cartridges.

It guarantees uniform flow distribution, simplified maintenance and impeccable hygiene, meeting the requirements of the pharmaceutical, cosmetics and biotechnology industries.

Made of mirror-polished 316L stainless steel, the CPG-MC meets PHARMACRAFT quality standards: sanitary finish, robust design and complete traceability.

Key benefits

- Hygienic design for 3 to 12 cartridges
- Stainless steel 316L mechanical or electropolished
- Configurator on http://www.pharmacraft.eu
- CIP/SIP Compatible
- Clamp fittings for quick maintenance
- Suitable for 10‘, 20’, 30" and traceability
- Customised connections in accordance with ASME BPE, ISO, SMS et DIN

Typical applications

- Final clarification or filtration stages
- Processing large volumes of solutions
- Aseptic pharmaceutical and cosmetic processes
- Purified water systems and WFI loops

CPGMC SERIES

Technical specifications

Body material	316L stainless steel 1.4404 or 1.4435 (pharmaceutical grade)
Finition	Internal/external electropolishing (Ra ≤ 0.4 or 0.8 µm)
Window material	Borosilicate glass
Process connection	Clamp DN25 à DN50
Cartridge connection	C-Style (226)
Pression de service	10 bars at 20 °C
Maximum temperature	150 °C
Cartridge length	10''/ 20'' / 30''
Closure type	Clamp with FDA & USP Class VI seal
Available seals	EPDM / Silicone platinum / Viton / FFKM (option)
Inlet/Outlet	Customised in accordance with ASME BPE-ISO-SMS or DIN

Options and configurations

- Pharmaceutical-grade clamp pressure gauge
- ATEX
- Sanitary drain and purge valves
- Wall mount or stand mount
- connections for integrity testing
- Hastelloy C22

Regulatory information

Designed in accordance with GMP best practices. FDA/USP Class VI compliant seals. Individually pressure tested and complete quality documentation provided.

ORDERING INFORMATION – CPG-MC SERIES

CPG-MC	OPTION ATEX	Nb Cart	Length Cartridge	Process Connection 1 (inlet)	Process Connection 2 (outlet)	Seal material	DRAIN 1''	VENT 1''	SURFACE FINISH
CPG-MC	**YES =** A **NO= -**	**3** **5** **8** **12**	**10''** **20''** **30''**	**(A)ASME** 1.5''/2''/2.5'' **(I)ISO** DN32 à DN65 **(S)SMS** DN38 à DN63.5 **(D)DIN** DN32 à DN65	**ASME** 1.5''/2''/2.5'' **ISO** DN32 à DN65 **SMS** DN38 à DN63.5 **DIN** DN32 à DN65	**SILICONE** **EPDM** **FFKM**	**Clamp 1'' =** DP100 **SANS=** 0	**Clamp 1''** **=**VP100 **SANS=** 0	**B =** 0.8 µm mechanical **EP=** 0.4µm Electropoli

Example for a 3x 10' casing with 1.5' ASME inlet/outlet process connections with silicone seal + bottom drain and vent drain with electropolished finish Ra<0.4

CPG-MC	-	3	10"	PC1-A150	PC2-A150	SIL	DP100	VP100	EP

EasyCare™ Maintenance Kits – PHARMACRAFT

Optimise the service life of your housings and simplify your maintenance operations

EasyCare™ are complete maintenance kits designed for **PHARMACRAFT** filtration housings (CPG, CPG-MC, ClearView and Plug&seal ranges).

They contain all the replacement parts needed to ensure the integrity, safety and longevity of your equipment.

Manufactured from materials that comply with **FDA/USP Class VI** and **ADI Free** standards, EasyCare™ kits ensure fast and reliable replacement of critical components without compromising on quality or traceability.

ORDERING INFORMATION – Kit CPG-MC Series

Each kit contains:

- 1 base seal
- 1 Base clamp
- Individually sealed pack, identified with batch number and PHARMACRAFT reference
- Certificate of compliance with FDA-USP Class VI and ADI Free materials

CPG-MC	KIT	Number cartridge	SEAL	CLAMP
CPG-MC	**KIT**	**3**	**SILICONE**	**CL-304**
		5	**EPDM**	**CL-316L**
		8	**FKKM**	
		12		

Example for a silicone seal kit and clamp 304 for CPG-MC 3 Cartridges

CPG-MC	KIT	3	SIL	CL-304

CPG-MC SERIES