

CIP/SIP SYSTEMS



BRAM-COR

PHARMACEUTICAL TECHNOLOGIES
BRAM-COR



BRAM-COR CLEANING IN-PLACE/STERILIZING SYSTEMS are designed to fully meet cGMP requirements for cleaning and sterilizing practices commonly applied in pharmaceutical process tanks, lines and systems. Bram-Cor CIP/SIP systems are supplied as fixed stations or mobile skids with manual, semi-automatic or automatic control systems. Our CIP/SIP systems can be powered by electric heater, industrial steam, or combination units.

All Bram-Cor systems are designed and manufactured and in accordance with cGMP regulations, completely validatable, and are suitable for use in FDA and EMA regulated facilities. Visit us at: www.bramcor.com



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CIP/SIP SYSTEMS

CLEANING PARAMETERS FOR CIP/SIP SYSTEMS

- | | |
|--|---|
| <ul style="list-style-type: none">• <i>Contact time of solution</i>• <i>CIP supply temperature</i>• <i>CIP return temperature</i>• <i>Chemical conductivity</i>• <i>(pH)for wash solutions</i> | <ul style="list-style-type: none">• <i>Final rinse resistivity</i>• <i>CIP solution flow rate</i>• <i>Supply pressure</i>• <i>Tanks levels</i> |
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Our standard CIP/SIP software systems can be customized with a variety of different washing or steaming cycles. Automatic CIP/SIP systems are constantly monitored by the PLC and managed for reduced consumption of chemicals and energy for lower operational costs.

EACH SYSTEM IS DESIGNED TO ACCOMMODATE

- *Type and size of vessels or equipment to wash*
- *The type of water and chemical agent(s) involved*
- *The nature of the product to be de-activated or removed*
- *Optional spray nozzles are available depending on application*
- *Variable washing sequence and number of steps to accommodate the specific need are available*
- *Various levels of automation*



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