

ProCam Smart

METERING PUMPS



SPX FLOW, Inc. (NYSE:FLOW) is a leading manufacturer of innovative flow technologies, many of which help define the industry standard in the market segments they serve.

From its headquarters in Charlotte, North Carolina, it operates a sales and support network, centers of manufacturing excellence, and advanced engineering facilities, throughout the world. Its cutting-edge flow components and process equipment portfolio includes a wide range of pumps, valves, heat exchangers, mixers, homogenizers, separators, filters, UHT, and drying technology that meet many application needs. Its expert engineering capability also makes it a premium supplier of customized solutions and complete, turn-key packages to meet the most exacting of installation demands.

For more than 80 years, SPX FLOW's Bran+Luebbe brand has been providing customers with high quality metering, processing and analysing equipment.

As part of the global SPX FLOW, Inc we are one of the world's most reputable manufacturers of metering and process pumps, process systems as well as analyzing technologies. Our engineers have comprehensive process and applications knowledge across a wide range of markets. This has resulted in product innovations and developments which harness the latest technology whilst meeting the highest quality standards.

Smart Standard

With ProCam Smart we offer a high quality, economic pump for the customer with less demanding applications.

For basic dosing pump duties and a "Smart" economic solution, select ProCam Smart.

Performance is not compromised as the pump range uses the well proven ProCam design to achieve long lasting reliable operation, as expected from all Bran+Luebbe pumps.

Standardisation means not only low investment, but as most of the components are identical and interchangeable, spares can be minimized leading to low storage cost and high availability.

PROCAM SMART IN ENERGY PRODUCTION

APPLICATIONS

Chemical degassing
Oxygen scavenging
Corrosion inhibition
Caustification
Decarbonizing

METERED FLUIDS

Hydrazine, Levoxine, Helamin
Hydrazine, Levoxine, Helamin
Hydrogen peroxide (H₂O₂), Helamin
Ammonia (NH₃)
Lime

PROCAM SMART IN WATER AND SEWAGE TREATMENT

APPLICATIONS

Flocculation
Fluorodizing
pH-control
Oxidation

METERED FLUIDS

Activated Silica (SiO₂)
Fluorides
Caustic (NaOH) Lime Sulphuric Acid (H₂SO₄)
Potassium Permanganate (KMnO₄)

PROCAM GENERAL APPLICATIONS

Chemical Industry
Textile Industry
Paper Industry and Wood Processing
Plastic and Building Chemicals

ProCam Smart

THE ECONOMIC MULTIPURPOSE ALTERNATIVE.

ProCam Smart is an uncompromised, standard, economic, general purpose metering pump with stainless steel liquid end, suitable for handling many liquids, including hazardous fluids.

ADVANTAGES

- Hermetically sealed pump design
- Diaphragm head with mechanically operated PTFE double-diaphragm
- Diaphragm status control by hose nipple

MATERIALS (PRODUCT WETTED PARTS)

- Stainless Steel

PUMP CONNECTIONS

- Female thread DIN ISO 228

PUMP GEAR

- Robust cast iron gearbox
- Metallic gear components

STROKE ADJUSTMENT

- Manual

TYPE OF GEAR

- Integrated worm gear

DRIVE

- Fixed speed
- Standard IEC motors, IP 55

OPERATING PRESSURE / FLOW RATE

- up to 20 bar
- up to 500 l/h



FLOW RATE AND PRESSURE

PROCAM SMART TYPE	MAX. FLOWRATE (L/H) STROKE FREQUENCY MIN ⁻¹				MAX. PRESSURE BAR	CONNECTIONS	MOTOR POWER KW
	50	72	100	144			
DS 15	5	7,5	10	15	20	G 3/8"	0,18
DS 50	17,5	25	35	50	10	G 3/8"	0,18
DS 200	70	100	140	200	10	G 1/2"	0,55
DS 500	175	250	350	500	6	G 1"	0,75

ARTICLE NUMBER (PLEASE USE WHEN ORDERING)

PROCAM SMART TYPE	STROKE FREQUENCY MIN ⁻¹			
	50	72	100	144
DS 15	BL440234	BL440233	BL440232	BL440231
DS 50	BL440238	BL440237	BL440236	BL440235
DS 200	BL440242	BL440241	BL440240	BL440239
DS 500	BL440246	BL440245	BL440244	BL440243

THE PRODUCT RANGE - MORE EXAMPLES OF BRAN+LUEBBE PRODUCTS WITH HIGH QUALITY STANDARD, INNOVATION AND KNOW-HOW.



Metering pumps
for all process areas
where liquids are
metered and mixed.
NOVADOS



Process pumps
for large flow rates and
high operating pressures
NOVAPLEX Classic
NOVAPLEX Integral
NOVAPLEX Vector



**Dynamic
in-line mixer**
for gentle
but intensive mixing
PENTAX
PENTAX Hygienic



Process systems
as a complete
solution for increased
productivity and quality
AutoBlend
Metering and mixing systems



Oil & Gas systems
to aid oil & gas recovery
onshore and offshore
Solar Panel Packages
Chemical Injection Systems
Flow Control Device Panels



On-line Analyzers
for use in water and
effluent treatment
PowerMon
PowerMon S
PowerMon Compact

Global locations

EMEA

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