

# ProCam Smart

METERING PUMPS



For more than 75 years, Bran+Luebbe - now SPX Flow Technology – has been providing customers with high quality metering, processing and analysing equipment.

As part of the global SPX Corporation, 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 high quality standards.

Based in Charlotte, North Carolina, SPX Corporation (NYSE: SPW) is a global Fortune 500 multi-industry manufacturing leader. The company's highly-specialized, engineered products and technologies serve customers in three primary strategic growth markets: infrastructure, process solutions, and diagnostic systems. Many of SPX's innovative solutions are playing a role in helping to meet rising global demand, particularly in emerging markets, for electricity, processed foods and beverages, and vehicle services. The company's products include thermal heat transfer equipment for power plants; power transformers for utility companies; process equipment for the food & beverage industry; and diagnostic tools and equipment for the vehicle service industry. For more information, please visit <http://www.spx.com/>.

## 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  
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Hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>), Helamin  
Ammonia (NH<sub>3</sub>)  
Lime

### PROCAM SMART IN WATER AND SEWAGE TREATMENT

#### APPLICATIONS

Flocculation  
Fluorodizing  
pH-control  
Oxidation

#### METERED FLUIDS

Activated Silica (SiO<sub>2</sub>)  
Fluorides  
Caustic (NaOH) Lime Sulphuric Acid (H<sub>2</sub>SO<sub>4</sub>)  
Potassium Permanganate (KMnO<sub>4</sub>)

### 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 <sup>-1</sup>				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 <sup>-1</sup>			
	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 universal application  
in the low to medium  
requirement range  
ProCam  
ProCam Smart  
ProCam Hygienic



**Process pumps**  
for large flow rates and  
high operating pressures  
NOVAPLEX  
NOVAPLEX Integral  
NOVAPLEX Vector  
MEGANIZER  
High pressure homogenizer



**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

#### SPX FLOW TECHNOLOGY

Werkstraße 4  
D-22844 Norderstedt  
Phone: +49 (0) 40 - 522 02 -0  
Fax: +49 (0) 40 - 522 02 -444  
E-Mail: branluebbe@spx.com

#### SPX FLOW TECHNOLOGY

Ironstone Way  
Brixworth, Northants, NN69UD  
Phone: +44 (0) 1604 880751  
Fax: +44 (0) 1604 880145  
E-Mail: branluebbe@spx.com

### AMERICAS

#### SPX FLOW TECHNOLOGY

611 Sugar Creek Road  
Delavan, WI 53115 USA  
Phone: +1 (800) 252-5200 or  
+1 (262) 728-1900  
Fax: +1 (262) 728-4904  
E-Mail: branluebbe@spx.com

### APAC

#### SPX FLOW TECHNOLOGY

25 International Business Park  
#03-03/12, German Centre,  
Singapore 609916  
Phone: +65 6568 1568  
Fax: +65 6265 9133  
E-Mail: asia.pacific@spx.com

#### SPX FLOW TECHNOLOGY NORDERSTEDT GMBH

Werkstraße 4  
D-22844 Norderstedt  
Phone: +49 (0) 40 - 522 02 -0  
Fax: +49 (0) 40 - 522 02 -444  
E-Mail: branluebbe@spx.com

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