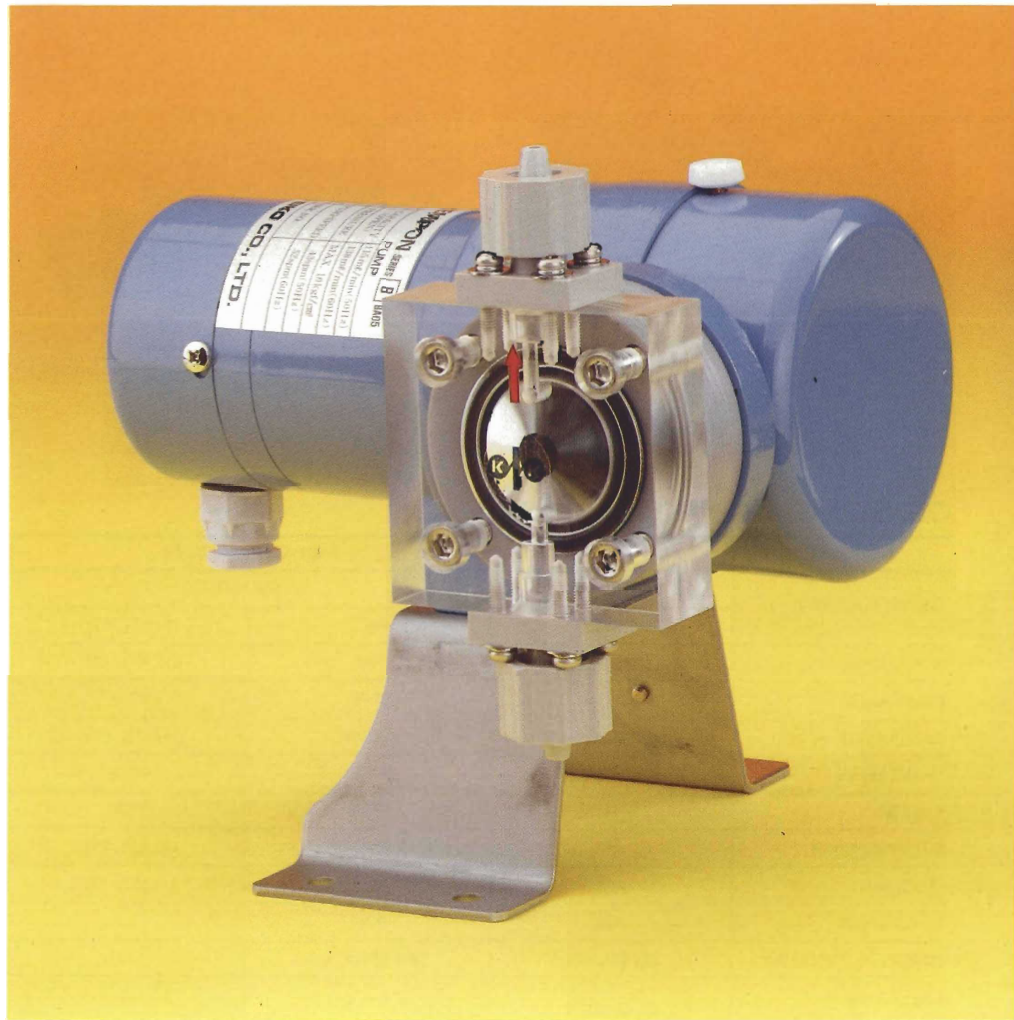


# NIKKISO EIKO BA SERIES CHEMICAL FEEDER



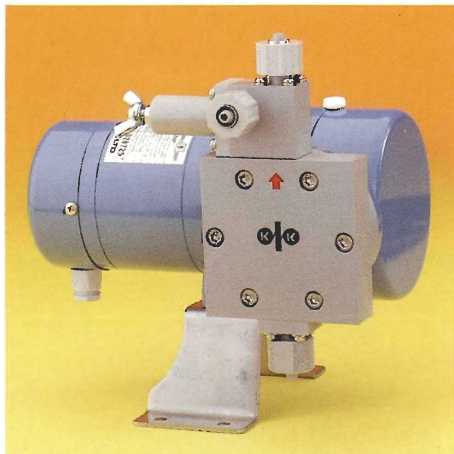
A well proven range of mechanically flexed leak-proof diaphragm type Metering Pumps, which offer accurate, repetitive and reliable dosing at low costs. Seven pump sizes cover capacities from 0.5 to 45 l/hr at maximum discharge pressures between 5 and 15 Bar. All pumps have manually adjustable stroke length when stationary and are available with 110v, 220v and 240v single phase and 240v, 380v and 415v three phase motors. A choice of liquid-end materials and wide range of accessories make the Chemical Feeder ideal for dosing applications in Water and Effluent Treatment.

## APPLICATIONS

- Water Sterilisation
- Corrosion Control
- Detergent Addition
- Odour Control
- CIP Systems
- Neutralisation
- Rust and Scale Prevention

## SPECIFICATIONS

MODEL		BA01	BA03	BA05	BA10	BA20	BA30	BA50
MAX CAPACITY IN L/HR AT 0 kgf/cm <sup>2</sup>	50HZ	0.72	4.5	6.9	12.0	24.3	37.8	45.6
	60HZ	0.84	5.4	8.3	14.4	29.1	45.3	54.6
MAX DISCHARGE PRESSURE kgf/cm <sup>2</sup>		10			15	10		7
CAPACITY ADJUSTMENT		WHILST STATIONARY, MANUAL ADJUSTMENT						
PUMP SPEED STROKES/MINUTE	50HZ	43			40	78	120	160
	60HZ	52			48	94	144	192
STROKE LENGTH MM		1.6	2.8	4.8	5.6			
MOTOR	POWER WATTS	15			40			
	SPEED RPM	1500						
	RATING	INDOOR USE (MAX AMBIENT TEMP. 40°C)						
	VOLTAGE	110V/1Ø, 220V/1Ø, 240V/1Ø, 220V/3Ø, 380V/3Ø, 415V/3Ø						
APPROX WEIGHT Kg		2.7	2.9		4.7		4.9	



## CONSTRUCTION MATERIALS (PUMP HEAD)

MODEL	BA01, 03, 05 10, 20, 30			BA50	
CONSTRUCTION	STANDARD	ALTERNATIVES		STANDARD	ALTERNATIVE
	ACRYLIC	PVC	316 STL. STL.	ACRYLIC	PVC
PUMP HEAD	ACRYLIC RESIN	PVC	316 STL. STL.	ACRYLIC RESIN	PVC
DIAPHRAGM	VITON	PTFE	PTFE	VITON	PTFE
BALL VALVES	HASTELLOY-C	CERAMIC	316 STL. STL.	HASTELLOY-C	HASTELLOY-C
VALVE SEATS	VITON	PTFE	PTFE	VITON	PTFE
O-RING	VITON	PTFE	PTFE	VITON	PTFE
SUCTION JOINT	ABS	PVC	316 STL. STL.	PVC	PVC
DISCHARGE JOINT	ABS	PVC	316 STL. STL.	PVC	PVC
UNION NUT	ABS	PVC	—	PVC	PVC
UNION NUT COLLAR	304 STL. STL.	304 STL. STL.	—	PVC	PVC
BALL GUIDE	—	—	—	PVC	PVC
ADAPTER	PVC	PVC	316 STL. STL.	PVC	PVC
JOINT TYPE	COMPRESSION	COMPRESSION	1/8" BSP F	COMPRESSION	COMPRESSION
HOSE SIZE	6 x 11 mm	6 x 11 mm	6 mm ID	9 x 15 mm	9 x 15 mm

## OPTIONS AND ACCESSORIES

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Anti Syphon Check Valves  | <input type="checkbox"/> Wall-Mounting Brackets         | <input type="checkbox"/> Hand Operated Agitators and Electric Mixers |
| <input type="checkbox"/> Foot Valves and Strainers | <input type="checkbox"/> Weather-Proof Cabinets         | <input type="checkbox"/> No Flow Detection                           |
| <input type="checkbox"/> Loading Valves            | <input type="checkbox"/> 12v or 24v Motors              | <input type="checkbox"/> Level Switches                              |
| <input type="checkbox"/> Relief Valves             | <input type="checkbox"/> High Viscosity Pump Heads      | <input type="checkbox"/> Control and Monitoring Equipment            |
| <input type="checkbox"/> PE Storage Tanks          | <input type="checkbox"/> Flexible to Rigid PVC Adapters |  |
| <input type="checkbox"/> PVC Reinforced Hose       | <input type="checkbox"/> 4-20 mA Speed Control          |  |



### HEAD OFFICE

Oaks Road,  
Woking,  
Surrey GU21 1PH.

Telephone 01483 771871  
Facsimile 01483 723110

### BRISTOL OFFICE

Units 3 and 4,  
Stonehill Business Centre,  
Longwell Green,  
Bristol BS15 6DH.

Telephone 0117 9606646  
Facsimile 0117 9608564

### BATLEY OFFICE

Unit 9,  
Batley Enterprise Centre,  
513 Bradford Road, Batley,  
W. Yorks WF17 8JY.

Telephone 01924 420197  
Facsimile 01924 470115

