Quality Policy : "Streamline Controls Pvt. Ltd. is in the business of designing and manufacturing of electronic products, used in automation of various industrial applications, to enhance productivity and quality."

ASPACK
Application Specific Packages

For volume O/E/M requirements,SCPL can design and manufacture Pre Programmed Logic Controllers with flexible

- ❑ Digital Inputs/Outputs
- ❑ Analogue Inputs/Outputs
- ❑ LED/LCD Displays
- ❑ Membrane Keypad
- ❑ Single /Multi axes motion Control with any Stepper /Servo drives
- ❑ Serial Interface RS 232/RS 485

PROkon
Time/Temperature based Profile Generator
SCTC Series

- ❑ Each step has three parameters: Ramp C / Unit time•, Desired set value C•, Soak / Hold time (Sec. / min.)
- ❑ Software calibration / Optional software linearization.
- ❑ Non volatile memory for retention of data
- ❑ 25 steps / 25 profile
- ❑ Controls up to 6 temperature loops with common set point tracking
- ❑ Automatic cold junction compensation for thermocouple input
- ❑ OPN indication for thermocouple open condition and all outputs will be turned OFF.
- ❑ Control Action: PID or On/Off
- ❑ Retention of PID and set values in the non-volatile memory in the event of power failure
- ❑ Input: Thermocouple type J, K, R or R T D (Pt - 100) / 2 or 3 - wire, (4 –20) mA, (0-5) V etc. (Selectable Factory setting).
- ❑ Control Output Options: DC pulses to drive external SSR / 0-10 V / 4-20 ma / Relay Output
- ❑ Manual Hold or Auto Hold (Hold back feature for guaranteed Ramp/Soak facility).

SCTC 6

SCTC
Multi Channel Temperature Controller
SCTC Series

SCTC 6: Six channel Temperature Controller

- ❑ Full variety of input signals: Thermocouple / PT 100 / voltage (0 - 10 Vdc) / 4 - 20 mA/ 0-5 Vdc (Selectable Factory setting).
- ❑ Automatic cold junction compensation for thermocouple input
- ❑ OPN indication for thermocouple open condition and all outputs will be turned OFF.
- ❑ Two output per channel: +24 Vdc / open collector type.
- ❑ Common Alarm output: +24 Vdc / open collector type.
- ❑ PID, ON/OFF, Two set points, Two set points with hysteresis.
- ❑ Software Calibration / optional Software linearization
- ❑ Non volatile memory for retention of data
- ❑ Optional: RS 232 / 485 Serial Interface

Our Established Dealer Network

North India (Delhi): BAGkon
Rushabh Sales Corporation: 09311355889
North India (Noida): INJkon
NP Engineering: 09350896964
Mumbai: BAGkon
Excella Electronics: 09821150040
Mumbai: INJkon
J.R.Enterprise: 09322278492
Vapi (Gujarat): INJkon
Purvi Industrial Electronics: 09824476195
Chennai: All Products
Swasthick Drives & Control: 09840064090
Hyderabad: All Products
Sri S.V.Electricals & Electronic Systems: 09490491942
Nagpur: All Products
Electronic Control Systems: 09422111907

We appreciate both OEM and retrofitting inquiries

After Sales Support
Phone: 91 79 30125136 Tele Fax: 91 79 27411463
Email: customercare@streamlinecontrols.com

Streamline Controls Pvt. Ltd.
AN ISO 9001-2000 COMPANY

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Automation... Productivity through Technology...

PRODUCT RANGE

Business Mission : "To Become Prominent Solution Provider in the Field of Industrial Automation Products Globally."

Streamline Controls Pvt. Ltd.
AN ISO 9001-2000 COMPANY

Maestro

INJkon
Controller for Injection Molding Machine
SMold Series

- ❑ User Interface : 320X240 Mono LCD / 60 Keys membrane
- ❑ Modes: Fully Auto / Semi Auto / Hand / Die set / Purge
- ❑ Programmable Mold - Machine ejector/Airjet/Unscrew/ Multistage injection/ Refilling/ Sack back/Three Core
- ❑ Selectable boost output for Mold/Injection/Refill/Ejector/Core/Carriage/Suckback/Mold height
- ❑ Transferable Digital Inputs /Outputs and Analogue Outputs
- ❑ Software calibration for Temperature, Analog input and Analog output
- ❑ 50 Nos. of Mold Memory
- ❑ Auto Die set function / Auto Heat on function
- ❑ Main motor ON/OFF facility on keypad
- ❑ Combined refilling option / Carriage swivel option
- ❑ Shot monitor facility
- ❑ Real time clock display
- ❑ 3 Level Password protection
- ❑ Hourly production data for last 24 hours
- ❑ Daily production data for last 30 days
- ❑ Memory for last 100 interlocks
- ❑ Din mounted expandable inputs / outputs modules for easy debugging
- ❑ Optional: RS 232 / 485 Serial Interface

Eco model is also available in 20 X 4 LCD with 32 keys membrane

Maestro

BLOkon
Controller for Blow Molding Machine
SMold Series

- ❑ Modes: Auto / Hand / Die set
- ❑ Programmable Cutter operation
- ❑ 4 Steps Timer operated Parison control
- ❑ Supports both Single Station and Double Station operation
- ❑ Deflash Top/Bottom
- ❑ Extruder swing ON/OFF
- ❑ Extruder motor ON/OFF facility on keypad
- ❑ Interfacing with AC Drive to Control speed of AC motor
- ❑ Transferable Digital Inputs /Outputs and Analogue Outputs
- ❑ Software calibration for Temperature, Analog input and Analog output
- ❑ 50 Nos. of Mold Memory
- ❑ Shot monitor facility
- ❑ Real time clock display
- ❑ 3 Level Password protection
- ❑ Hourly production data for last 24 hours
- ❑ Daily production data for last 30 days
- ❑ Memory for last 100 interlocks
- ❑ Din mounted expandable inputs / outputs modules for easy debugging

Eco model is also available in 20 X 4 LCD with 32 keys membrane

PETkon
Controller for Pet Stretch Molding Machine
SMold Series

- ❑ User Interface : 20X4 LCD / 32 Keys membrane
- ❑ Modes: Semi Auto / Hand / Die set
- ❑ Extruder motor ON/OFF facility on keypad
- ❑ Conveyor Start / Stop & Speed control
- ❑ Supports both Single Station and Double Station
- ❑ Temperature Control through firing angle controlled Thyristors.
- ❑ 25 Nos. of Mold Memory
- ❑ Operator Safety: Emergency / Manual override
- ❑ Optional pick & place for preforms & finished articles

4 Loader

HOPkon
Controller for Hopper Loader
SMold Series

- ❑ Enable input for cycle start
- ❑ Loader On/Off Option
- ❑ First in first out method to operate loader sequentially
- ❑ Display individual loader error
- ❑ Display Blower trip error
- ❑ Regrinding material addition facility.
- ❑ Line filter / Blower bypass facility.
- ❑ Different Models for Multi Loader Applications. (Up to 32 Loaders)

Automation... Productivity through Technology...

PRODUCT RANGE

SDRV BHH

DIGIStep
DC Stepper Drive
SDRV Series

- ❑ DIGIStep with suitable DC Stepping Motor can be used in various motion control application
- ❑ Models available for both Unipoler & Bipoler Stepper Motor
- ❑ Positioning, Low speed gearless operation, Continuous Start / Stop with direction reversal, Indexing, Synchronization
- ❑ Operation: Full step / Half step, Open loop / Closed loop

Plastic	Bag / Pouch making, Slicing
Pharmaceutical	Labelling, Filling, Indexing
Machine Tools	Feed in Grinding, Milling , Drilling , X-Y Table, Engraving, Hydraulic Press, 2/3/4 Axes Control
Chemical	Filling, Metering Pumps, Servo Valve Control

❑ Input Voltage	24 to 30 VDC
❑ Interfacing	CLK - DIRN - Enable
❑ Max Output Current	Upto 2 Amp Adjustable, Separate for both in Run & Hold modes
❑ Input frequency	0-5 kHz
❑ Digital Inputs	10-30 Vdc/ 5 mA
❑ Protection	1) Over current 2) Thermal
❑ LED Indications	1) CPU OK 2) Overcurrent
❑ Dimension (mm)	108(L) x 65(W) x 42(H)
❑ Weight (grams)	250 gms

MINIStep
DC Stepper Drives

DIGIServo
AC Servo Motor Drive

DIGIServos are intelligent drives with micro- controller offering wide variety of programmable functions interfaces for optimum control and are available for 450w to 1kw AC Servo Motors.

- ❑ Interface : RS 485 Serial Interface with Any Stremline make Controller
- ❑ Models : Drive available for 1.2 N-M Torque (450 w) ; 3000 RPM
  : Drive available for 2.2 N-M Torque (750 w) ; 3000 RPM
  : Drive available for 4.7 N-M Torque (1kw) ; 2000 RPM

Genius

BAGkon
Controller for Bag Making Machine
SMotionX Series

BAGkon can be interfaced with any Stepper/Servo Drive/motor to control the movement of bag /pouch pulling roller of the machine.

Features	Eco	Comfort	Genius
Size	96X96	144X144	144X144
Digital Outputs	1 No	5 Nos	12 Nos
Digital Inputs	2 Nos	5 Nos	6 Nos
Batches Counter	–	Yes	Yes
Single Strock operation	–	Yes	Yes
Batch over missing strock	–	Yes	Yes
Password protection	–	Yes	Yes
Numeric keypad (0 to 9 keys)	–	Yes	Yes
Analog Output	–	1 No (Optional)	1 No
Job memory (Optional)	–	25 Nos	25 Nos

LABkon
Controller for Sticker Labelling Machine
SMotionX Series

- ❑ User Interface : 144X144, 16X2 LCD / 9 Keys membrane
- ❑ Can be interfaced with any stepper / servo drive or motor to control the movement of label pulling motor of the machine
- ❑ Software calibration for length setting in mm to care different roller diameter & pully ratio
- ❑ Synchronization pot on Keyboard to synchronize both Stepper motor speed & Conveyor motor speed
- ❑ Programmable Window to decide the active span over length of a Label
- ❑ ON/OFF facility to facilitate conveyor motor on keypad

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GRINDkon
Controller for Grinding Machine
SMotionX Series

- ❑ User Interface : 144X144, 16X2 LCD / 24 Keys membrane
- ❑ Auto dressing compensation
- ❑ Backlash compensation
- ❑ Separate dressing mode – macro auto operation in manual mode
- ❑ Both plunge / oscillation mode of grinding
- ❑ Programmable feed with feed rate for Air cut, Ruff cut, finish cut & dressing also facilitates dwell & spark out
- ❑ Manual mode operation for feed & traverse axis

DOZkon
Controller for Dozing Application
SMotionX Series

DOZkon is multi functional controller incorporating micro controller, making it most versatile and cost effective solution optimally designed to best suit the automation needs of Dozing Masterbatches in Plastic Machineries.

- ❑ User Interface: 192X96, 16X2 LCD / 8 Keys Membrane
- ❑ Modes: JOG / RUN
- ❑ Operating Configuration 1) Timer based 2) Digital Input based 3) 0-10VDC Analogue input (Tacho feedback) based
- ❑ Application Area
  Injection Molding Machine, Extrusion Machine , Extruder Machine

PADkon
Controller for Pad Printing Machine

- ❑ User Interface : 144X144, 16X2 LCD / 24 Keys membrane
- ❑ Single cycle / single stroke
- ❑ Continues cycle / single stroke
- ❑ Doctor blade of rear
- ❑ Pad stroke adjustment at object
- ❑ Shuttle operation
- ❑ Emergency push button to protect against malfunctioning
- ❑ Single cycle / double stroke
- ❑ Continues cycle / double stroke
- ❑ Continues doctoring
- ❑ Pad stroke adjustment at plate
- ❑ Foot switch for easy operating

JDYEkon
Controller for Jet Dyeing Machine

- ❑ User Interface : 144X144, 16X2 LCD / 24 Keys membrane
- ❑ Auto operation of liquor heating/cooling for main vessel
- ❑ Fill/drain/rinse off main vessel as well as color tank
- ❑ Transfer of color chemical from main vessel to color tank or vice versa
- ❑ Linear transducers for level indication
- ❑ Pressurizing / Depressurizing of main vessel
- ❑ Messaging of functions on all screens.
- ❑ Operator call facility for loading/unloading, sampling, chemical addition, dyes addition, end of program, fabric entanglement.
- ❑ 25 Programs each of 100 steps

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