

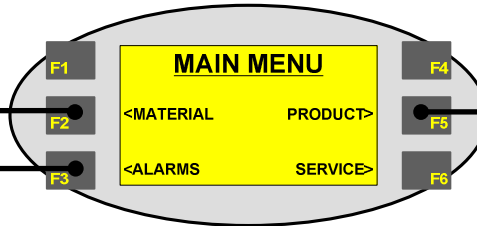
Smart – Quick Start Manual

BeltColor & GraviColor

Additive Dosing for Injection Molding Machines

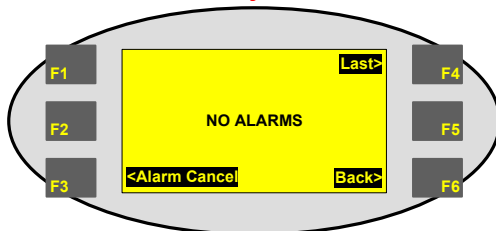
simply accurate

1 – Start System



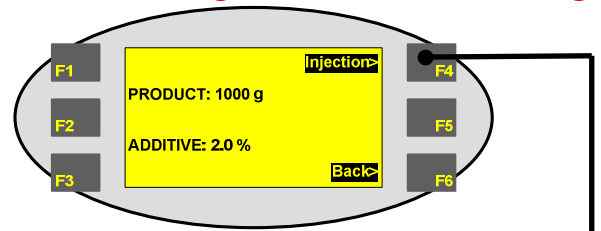
PRODUCT – setting product weight and additive percentage
MATERIAL – product and material counters
ALARMS – system's alarms
SERVICE – service and maintenance

4 – Control System Alarms



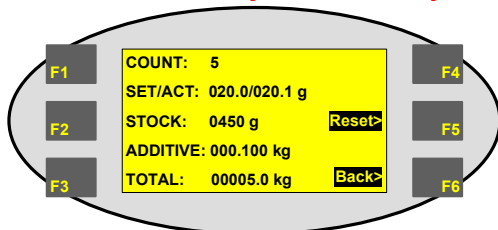
Press *Alarm Cancel* to cancel an active alarm
 Press *Last* to see the last alarm
 Press *Back* to return to Main Menu

2 – Enter Product Weight and Additive Percentage



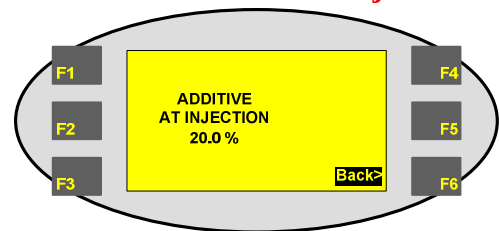
Use keypad to enter the product weight and the additive percentage
 Press *Injection* to feed material during injections
 Press *Back* to return to Main Menu

5 – Monitor System Activity



COUNT – products counter
SET/ACT – set and actual additive weight per cycle
STOCK – material stock estimation
ADDITIVE – total weight of additive
TOTAL – total weight of main material
 Press *Reset* to reset the counters
 Press *Back* to return to Main Menu

3 – Enter Additive at Injection



Use keypad to enter the additive percentage to be fed during injections cycles
 Press *Back* to return to Product

For further assistance please refer to the User Manual or contact Sysmetric

Sysmetric Ltd

P.O.B. 1122, Afula Illit 18550, Israel

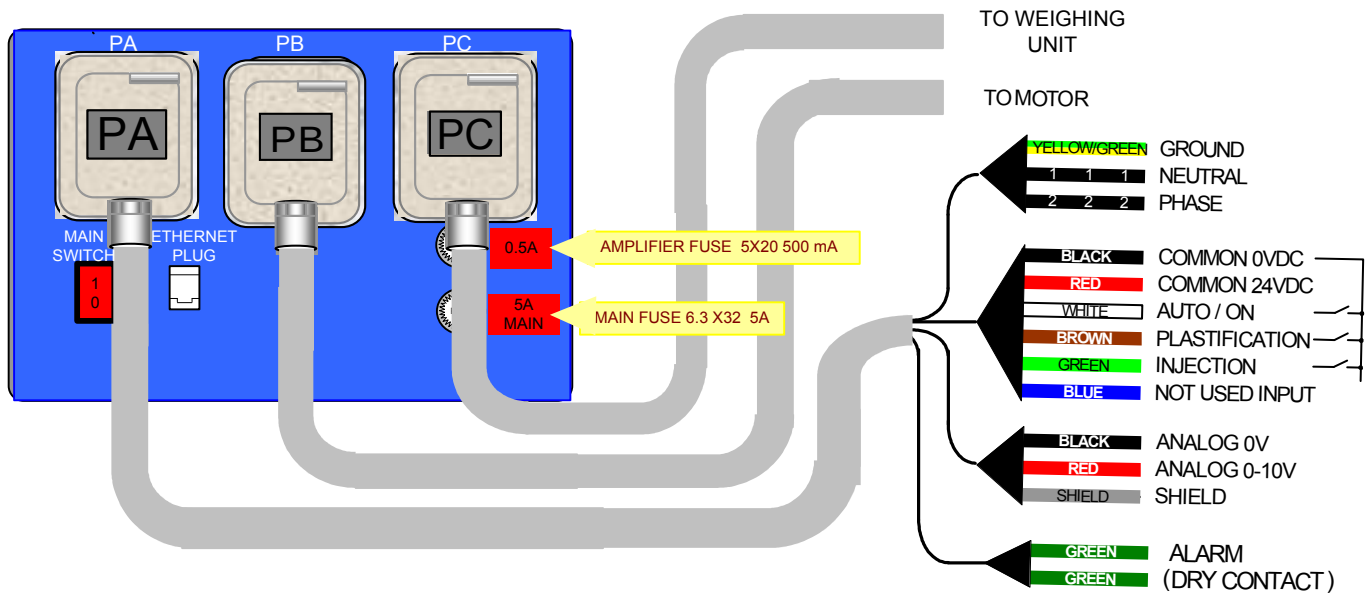
Phone: +972-4-6405857

Fax: +972-4-6405911

info@sysmetric-ltd.com

www.sysmetric-ltd.com

Electrical Wiring

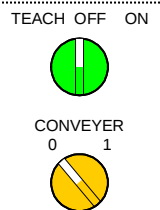


1. Connect power supply – Ground, Neutral, Phase
2. Connect control signals from molding machine – Auto Mode, Plastification, Injection
3. Connect alarm dry contact (optional)

Feeder Operation

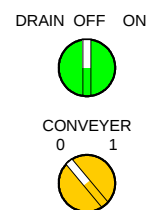
Activating the GraviColor

1. Turn the conveyer switch to 1 – the unit will load material
2. Hold the system switch at *TEACH* for 3 seconds – the unit will perform a teach cycle
3. Set product weight and additive percentage
4. Turn the system switch to *ON* – the unit will flow material according to plastification and injection signals



Activating the BeltColor

1. Turn the conveyer switch to 1 – the unit will load material
2. Turn the system switch to *ON* – the unit will perform a teach cycle
3. Set product weight and additive percentage
4. Material will start flowing according to plastification and injection inputs



System Lamps

Switch	Lamp	State
System (green)	off	system is off
	on	system is on
	flashing steadily	extruder on
	flashing alternately	teach cycle
	flashing rapidly	system alarm
Conveyer (orange)	off	conveyer is off
	on	conveyer is on
	flashing rapidly	conveyer alarm

