

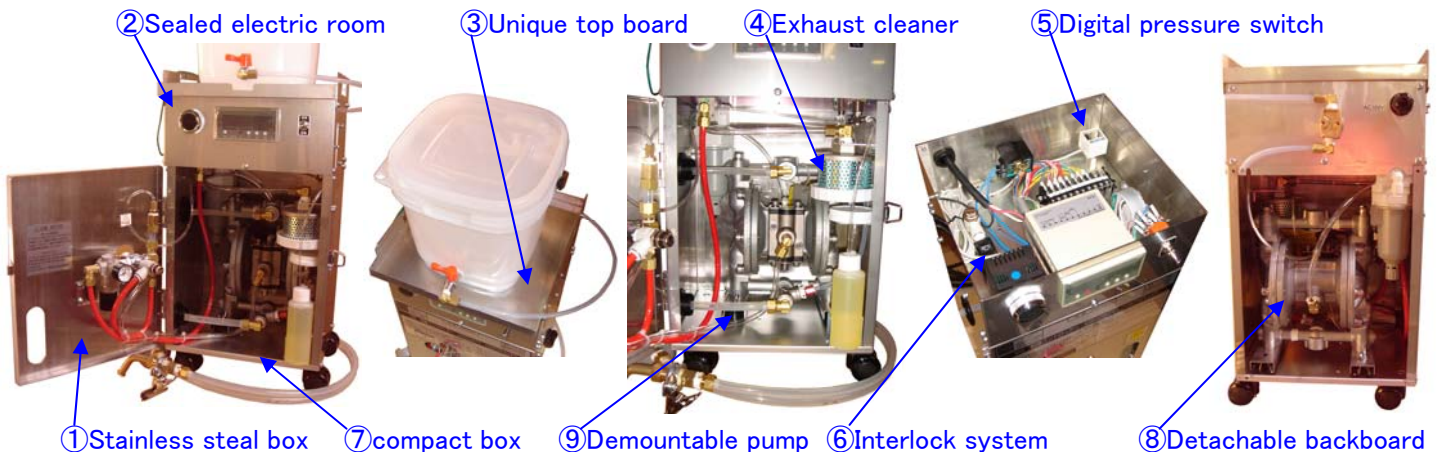
# New Viscosity Controller



VG Series

What's NEW

- ① Stainless steel box ..... Easy care
- ② Sealed electric room ..... Safe maintenance
- ③ Unique top board ..... No solvent invasion
- ④ Exhaust cleaner ..... Clean exhaust air and less noise
- ⑤ Digital pressure switch ..... More accurate and less noise
- ⑥ Interlock system ..... Pump works only while main switch is ON
- ⑦ Compact box ..... Approximately 15% less volume compared with GP-15
- ⑧ Detachable backboard ..... Easy maintenance
- ⑨ Demountable pump ..... Easy maintenance



## 【Function and Features】

- ① Single unit performs four functions: ink circulation, ink agitating, viscosity measurement and viscosity control.
- ② Improves product quality and color consistency. Decreases losses and customer claims. -Guaranteed !
- ③ By providing uniform viscosity, waste is minimized and ink consumption is reduced by 15 ~ 20%
- ④ Non leak and safety by pneumatic diaphragm.
- ⑤ Easy to wash by only half a gal of solvent, takes 3 minutes.
- ⑥ Automatic oil lubrication and recycling system extends pump life by 3 times longer.
- ⑦ Kink-free, solvent resistant hoses are soft and easy to handle.
- ⑧ Compact and lightweight, the system is easy to move, setup and operate.
- ⑨ Make operators free to adjust viscosity level, Operator can now devote their attention to other matters.

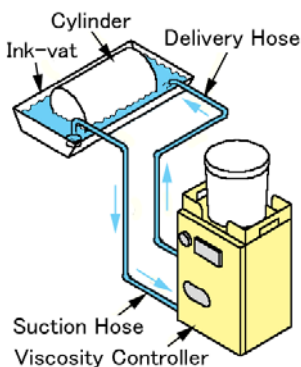


### Viscosity display

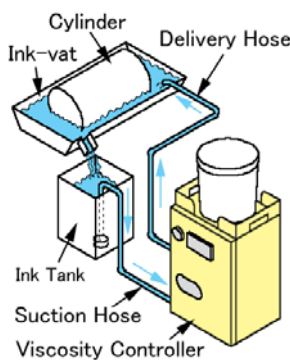
- ① The controller LED display is large, bright and easy to read.
- ② Viscosity is displayed in cup-seconds.

## 【Examples installation】

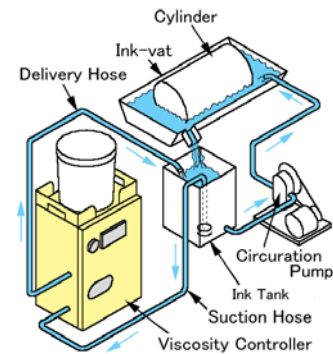
### (1) Direct circulation



### (2) Circulation through ink-tank



### (3) Circulation through ink-tank with using circulating pump



## 【Spec.】

Model No,	VG-10-S11	VG-15-S11
Appearance	Stainless steel box	
Dimension	W260mm × L230mm × H770mm	W260mm × L230mm × H770mm
Net weight	15kg	16kg
Control range	13~30 sec ( Rigosha Zahn Cup No.3)	30~100 cps
Solvent tank	11 liters made of Stainless steel	11 liters made of Stainless steel
Suction hose	O/D 12mm × I/D 8mm × L2, 500mm	O/D 16mm × I/D 11mm × L2, 500mm
Delivery hose	O/D 10mm × I/D 6.5mm × L2, 500mm	O/D 12mm × I/D 8mm × L2, 500mm
Circulation volume	4.4~1.7 liters/min	9.1~3.5 liters/min
Air consumption	40 liters/min	90 liters/min
Working voltage	AC100V / 40W ( Option AC200-220V)	
Max. volume of Ink tank	10~20 liters	21~50 liters

【Notice】 The liquid circulating quantity and air consumption stand for the maximum quantities while Viscosity controller is operating.

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