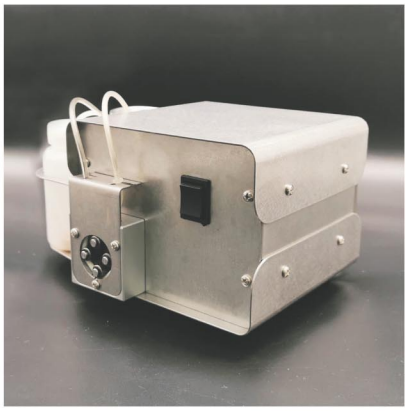
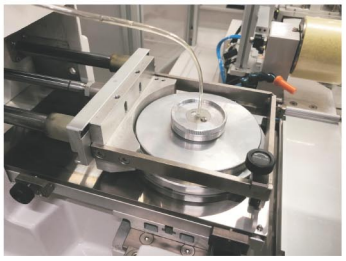
KENT AVC

(Automatic Viscosity Control)

Patent : ZL 2021 3 0790771.6

Automatic device to add solvent to ink cup.
Able to maintain stable ink viscosity throughout production.
Essential feature for full and semi-automated pad printing.

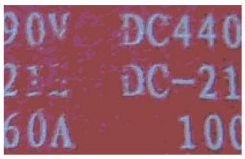




Option for customized system

- High medical grade manufacturing standard
- Stainless steel body
- For high end application; durable
- Ideal for long run time: 24 hrs. x 7 days use
- Prevent from manual over solvent add-on in printing process
- No downtime (non-stop printing)
- Full automatic control on stable ink viscosity (on run)
- Secure printing colors precision

80% print rejects are caused by inconsistent ink viscosity :

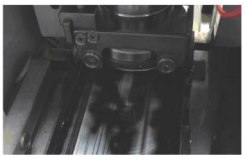


Miss print

Statics hair

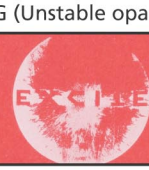
Uneven ink layer

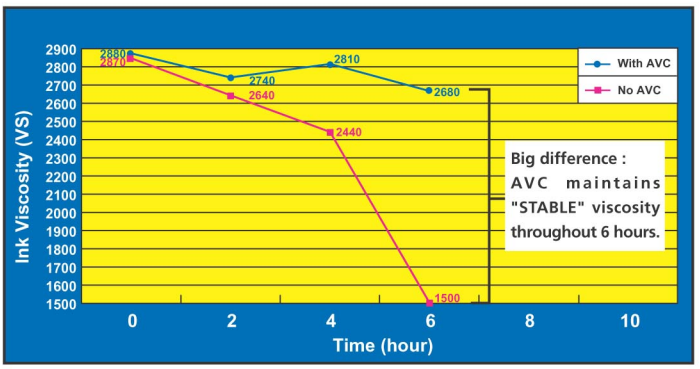
Blur print



Ink doctoring problem

Printing result comparison :

Time	No AVC	With AVC
	Printed sample	Printed sample
1 hour (1st print)		
	OK	OK
4 hours (3463 prints)		
	NG (Unstable opacity)	OK
8 hours (5896 prints)		
	NG (Miss print)	OK



- KENT AVC reliably maintains accurate ink viscosity throughout an entire work shift in all production environments.

Remark : Actual figure is guarantee with using KENT ink.

GREEN PAD PRINTING

www.kentpp.com

055S-1022

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