VISCON GROUP
粘度コントローラーのパイオニア

Auto “TURBO WASH” washing system （ PAT.P.　Japan 2017-30290 ）

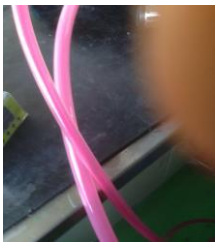
Washing not enough as a result, this is the big (about 50 %)　cause of breakdown of conventional viscosity controllers up to now before VISCON Japan on sale in the market.
At the same time “Washing is troublesome”, this had been a biggest headache for users.
Viscon Japan　“ TURBO WASH ” comes true,

a. Reducing troublesome washing by half
b. Increasing washing effect by double

TURBO WASH (solvent circulation + compressed air with bubble) perform “ Brushing effect ”, can wash perfectly in short time, and finally can prevent viscosity controller from breakdown.

Auto” TURBO WASH"

Solvent circulation wash



Ink stain dirty remain on hose after solvent circulation washing

"TURBO WASH"

Ink stain dirty not remain, hose is clear after “TURBO WASH”

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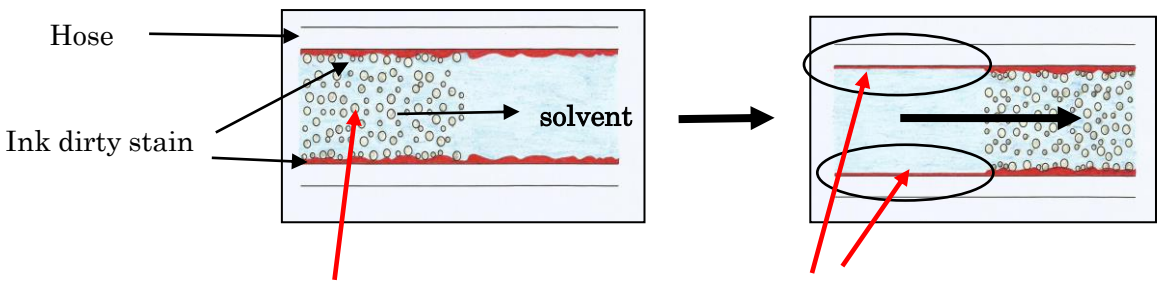
Wash “ Brushing effect ” by “ TURBO WASH ”　（ Brushing effect ）



Bubble・Compressed air
（ small ・plenty）

Brushing effect by strong bubble power can wash completely ink dirty stain

TURBO WASH trays (1. Solvent wash tray 2. TURBO WASH tray) are standard equipment of each VISCON viscosity controller. Therefore operators are not necessary to look for or prepare washing tray from other places. It is convenient for operators.
TURBO WASH nozzle, from where compressed air is supplied to solvent in TURBO WASH tray, is equipped in TURBO WASH tray as standard.
Solvent cir. + compressed air (plenty of small bubble) come true " Brushing effect " , which is originality of " TURBO WASH ".

Washing ability comparison test (3 kinds of washing methods)

VISCON carried out 3 kinds of washing methods for viscosity controller, and compared washing ability.

a. Washing methods for viscosity controller

1. Solvent circulation
2. Normal air + Solvent straight out washing
3. TURBO WASH

B. Testing method

Purpose : Check washing ability of each 3 kind of washing methods
Methods : Using same q'ty of solvent (3 ltr) for same time (5 min.),
Washing same sample hose (heavy ink dirty stain on the hose)

㋐ Test Result - Washing ability of " TURBO WASH " is extremely high

	Washing Method	Ink remain	Wash Q'ty	Washing Ability
1	Solvent circulation	50 %	50 %	**59**
2	Normal air + Solvent straight out washing	60 %	40 %	**47**
3	TURBO WASH	15 %	85 %	**100**

Test sample hose

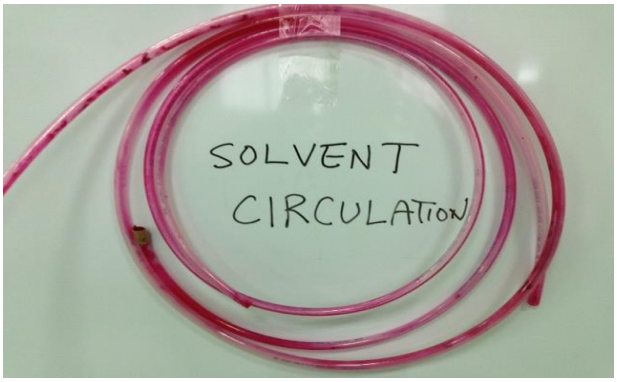
(Heavy ink dirty stain hose： no washing after using ink, dry 48 hours)

Ink dirty remain 100%

Testing result of 3 kinds of washing methods

(Please click “ Washing ability test “ for more detail information)

1． Solvent circulation washing



Ink dirty remain 50%

2. Normal air + Solvent straight out washing

Ink dirty remain 60%

3. TURBO WASH washing

Ink dirty remain 15%

Viscon (Japan) official Blog English **" What is viscosity controller ? "**
URL : https://visconjapan.com/en/
Viscon (Japan) official Blog Japanese " たかが粘コン、されど粘度コントローラー "
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