# PrintBar Fountain solution specification

## Foutain solution type contained：

1. **Sheet fed fountain solution:** Designed for sheet fed print, suitable for soft & hard water

2. **Advanced fountain solution:** Suitable for all kinds of continuous fountain system and traditional fountain system, fast drying type, also used for CTP and low alcohol founatin solution.

3. **UV fountain solution:** Suitable for UV printing and ordinary sheet fed printing, a kind of founatin solutionwith a large printing tolerance

4. **Cold setting fountain solution:** Suitable for brush, traditional, turbine cold set inks and spray press newspaper web printing

5.**Heat setting fountain solution:** Suitable for commercial, high speed heat setting web ink printing machine

**Using method：**

No need to specially adjust the machine when under a normal condition data, adjust the water roller clearance pressure and speed appropriately, and adjust the other datas according to the actual operation situation. Please turn on the machine with a low water level firstly, and find the appropriate water level gradually

Mixed with around 3% original liquid & 8-12% isopropyl alcohol & water, then can be used. Please check whether the equipment is accurate if use automatic pumping ratio, please add some more fountain solution or isopropyl alcohol appropriately when there is a large amount of ink in high temperature weather, do not add by feeling, also do not add according to the PH value and conductivity.

Adjust the temperature of the water tank to 8℃~10℃，make the PH between 5.2—5.8，conductivity between 800Ω~1300Ω.

**Manually adding：For example：**Fountain solution adding ratio is around 3%，isopropyl alcohol is around 10%. Means for 100 Liter water, we need to add 3 Liter fountain solution and 10 Liter isopropyl alcohol.





## Notice：

1. Keep a constant adding ratio, when you find a best ratio of the Powder & Isopropyl alcohol & Water, please strictly keep this ratio for the following adding works. Please don't test the PH any more when you do the adding work, because the water tank is cyclic, the dirtys will change the PH of original mixed liquid.

2. Focus on water tank cleaning; Wash the water tank frequently and keep it clean. It is best to install a filter cotton, prevent printing ink, paper scraps go into the water tank, and changing the conductivity of the water tank.

3. Change the filter cotton regularly.

4. During the using, if there is water, deinking phenomenon, please use calcium remover. Komori machine use ink roller shampoo, if there is calcium accumulation in ink roller, please use clean plate cream to clean.

5. If the roller gets ink, normally reason is the ratio of the fountain solution is less or the water tank is dirty, recommend to use special water roller cleaner

6. If you have special drying requirements or reduce the using amount of spray powder, you can choose the quick drying fountain solution; For example, iron printing, fast printing requires fast drying, cutting, etc

7. If other problems occur in the use process, check the accuracy of the added amount and the cleaning situation of the water tank

8. In case of bubbling, please check whether the backwater is mixed with air and pumped back into the water tank

## Storage:

Keep out of direct sunlight, put in a cool place