

Test the uv printer white ink method

White ink has three functions in the printing process, one is to improve the adhesion of the pattern, so that it can be preserved for a long time; the second is to increase the relief sense of hierarchy, hand touch the uneven surface; the third is to improve the printing effect, in the dark material or backlight material, the performance of light.

Test method 1:

Test the white-ink adhesion force. The usual practice will print the white ink materials (such as glass, ceramic tiles, etc.) into the water for immersion, 2 hours later, take out to scrape with your fingers. If it can be gently scraped off, the adhesion of the white ink is poor, waterproof performance is not good, need to replace the new white ink.

Test method 2:

Test compatibility. Select the common glass coating, metal coating to wipe the substrate surface, and then spray white ink; or cover the surface of the white ink, observe whether the pattern surface produces foaming, dissolution, if so, the white ink compatibility is poor, need to replace the new white ink.

Test method 3:

Test purity. The purity of white ink affects the life of the printing nozzle and the effect of the printing pattern. If the white ink contains a lot of impurities, it will gradually accumulate in the internal channel of the nozzle in the later use, which will lead to blockage and scrap for a long time. The test method is to place the filter at the exit, dump another empty bottle, and find the filter sediment, if more, to prove poor purity.