

FLECK 5800 LAUNCH

The 5800 valve represents a great step forward in the Fleck product range : one hydraulic base that can welcome 3 different timers.

This allows professionals to transform almost immediately any standard system into a premium one. Allowing multiple options, the 5800 valve is easily adaptable to a wide variety of residential water system configurations.



AT 10:55, THE 5800 FITTED WITH A STORM TIMER TOOK OFF, ONLY POWERED BY AN AIR BALLOON FILLED WITH 7M³ OF HYDROGEN.

FEATURES & BENEFITS

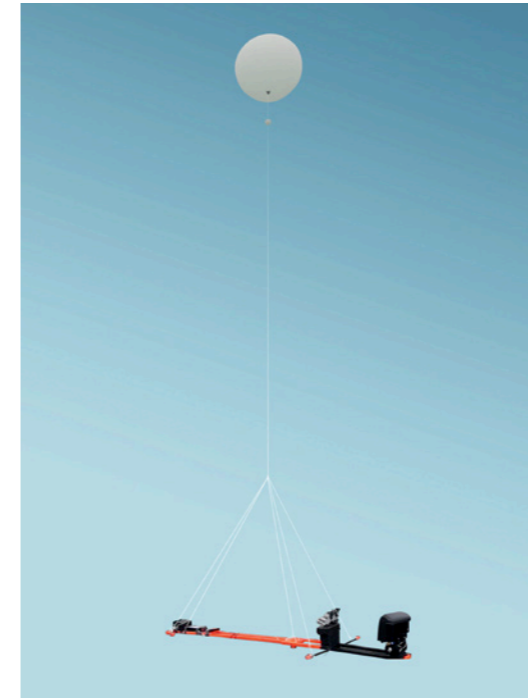
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| ▶ 10.000 RPM motor & optical sensor | ▶ Faster and more secure regeneration cycles |
| ▶ One piece seal & spacer cartridge | ▶ Easier servicing |
| ▶ Snap fit assembly | ▶ Faster to dismantle and rebuild |
| ▶ Versatile electronics | ▶ Easier retrofit and upgrade |
| ▶ UF and DF capability | ▶ Quicker and easier retrofit |
| ▶ Reduced spare parts list | ▶ Reduced carrying costs |



A VERY SPECIAL LAUNCH!

The Fleck 5800 is part of the legacy of the Fleck brand, which was launched in 1950. Such new and different product deserved a different marketing attention. Contact with Swiss Strato (www.swiss-strato.com) was therefore taken end of August in order to prepare a concept of sending a genuine 5800 in the stratosphere.

This wasn't an easy business: the maximum weight of the whole assembly being of maximum 2kg, the Swiss Strato team had to remove all unnecessary weight and ended-up with a final take-off weight of... **1.998 kg**. Once done, with all weather reports predicting good meteorological conditions, the teams met on **November 1st in Chavornay, Switzerland**, to start the flight preparation.



Initially flying towards France, the valve eventually headed into an easterly direction towards Bern. The highest point of the valve was reached at 12:56 GMT when the balloon finally exploded at **37'547 m**. The explosion was due to the massive dilatation of its envelope, which reached a diameter of 13 m.

The 2 Go Pro cameras mounted on the light wooden platform were able to record a total of 2'500 spectacular pictures and even a movie. Unfortunately, they were not able to capture the landing, probably due to the high dynamic stresses which occurred when the vertical speed peaked at more than **200 km/h** during the descent.

It took hardly 30 minutes for the valve to descend, slowed down by a parachute, which was gradually able to reduce the vertical speed to 25km/h on touchdown, in the trees in a village called Riggisberg, close to Berne.

With this almost-spatial adventure completed, the valve now enjoys a well-deserved rest in the Pentair office of Lausanne.

The pictures and movies gathered have been used for marketing purposes : creation of posters, special product packaging, and two Youtube videos of the launch.



If you are interested in obtaining any collateral mentioned above, please contact your usual Pentair representative or contact us at marketing.prfemea@pentair.com