



HYT PRESS REVIEW

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HYT watch brand Lab factory Visit (article)

Posted by [MrWatchGuide](#) August 27, 2013 at 6:14 pm

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Being the independent watch lover that I am, last week I went to visit the hydro laboratory of the famous for their achievements in modern horology – HYT. The brand is known for being the first watchmaker to use and combine liquids with mechanical horology. I will be honest and tell you immediately that I don't know much about the technicality of the process, but in this article you will see how the liquid part is being made in the Lab, as well as some shots of the different H1 models.



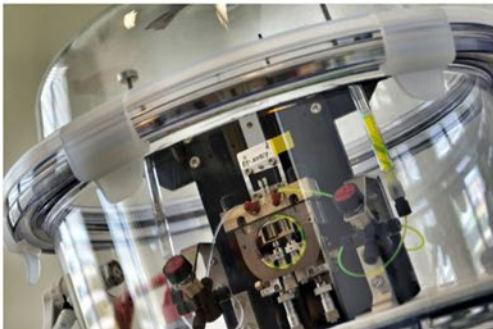

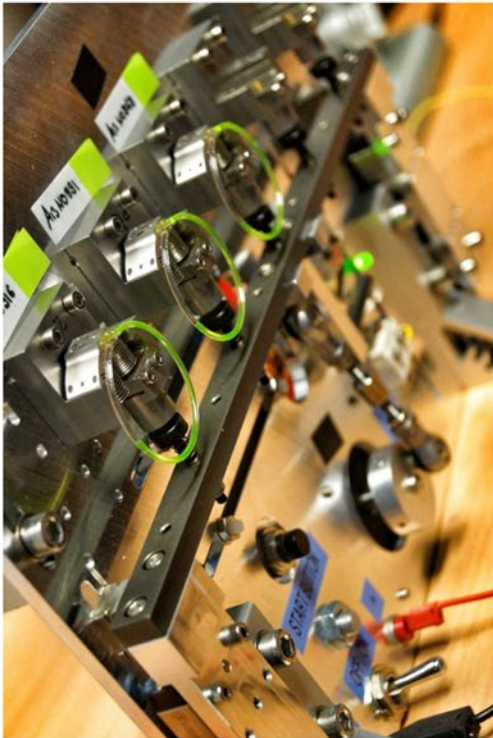
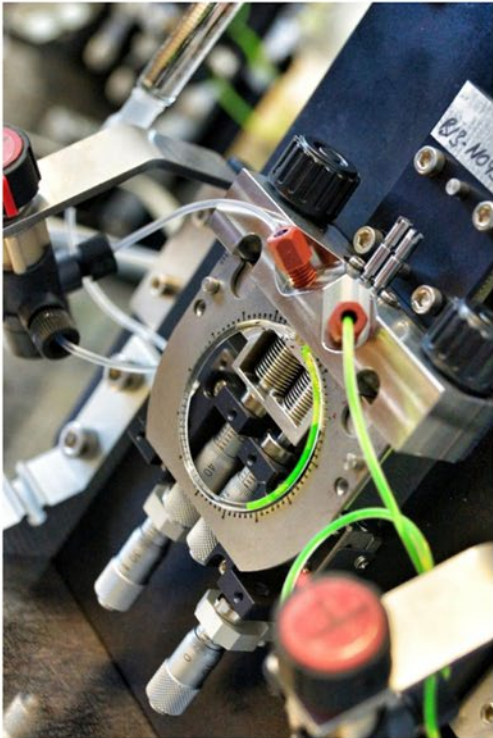
First stop at the Lab was the room with all the patented special machines where the workers install the movement and input the 2 liquids: one green and one transparent. First let's understand how the watch works – The hours are indicated by a fluorescent aqueous liquid released from a flexible reservoir compressed by a piston. The first coloured liquid travels through the capillary pushing the transparent viscous liquid back into its own reservoir and then returning to its original position at 6:00 in what is referred to as a retrograde manner. Now this is a trick that HYT uses in the watches.. As there are 2 reservoirs, one is responsible to push the green liquid around the hours until 6 o'clock, pushing the transparent liquid to its original point at 6:00 in 54 seconds. Then the process repeats itself...

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Next there are some more steps of calibrating the watch liquid with some specialized equipment at the lab, and by the time the liquid proves to be effective under high or low temperatures (of around +40 to -30) it is ready to be assembled completely.



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While I was at the Lab I had a closer look at three different H1 models. One of them, was the bronze version of the watch, that lets just say weights a lot! H1 has many different versions of casing and dial variations. However this is one of the few watches made of bronze that i actually really like.





Outside of the Lab HYT has a very nice river flowing just next to an Italian restaurant where we gathered after the visit. This to say that I could not miss an opportunity to endanger the watch and myself by attaching it to pretty much any platform or fence possible :)






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My favourite model though presented to me at the lab was the H1 Azo Project, with a yellow polyepoxyde composite, that was a real contrast in terms of weight and color to the previously held by me model, and I thoroughly enjoyed wearing it (even though for a short time). As well as that this and all H1 models have a power reserve of 65 hours, indicated at 2:30, in a very easy to read way.



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Finally the third model was only a casing, which allowed me to play a little with the setting (like putting it on top of one of the HYT's prizes for horology achievements) not to make them show off or anything... :) this model is called Graphite polyepoxyde according to the coloring of the case and its for me, a more conservative version of the Azo project! Each of these is a limited edition of around 25 (if i remember correctly) and will be launched from November.



At the end I've really enjoyed the lab visit, and the watches shown to me as well as the machines that help create the watches! For now I am looking forward to discovering their horological factory and you can expect a second part of this 'tour' with more of the H2 models to come.

• Related Story: [HYT H2 – Hands On and Watch Review](#)



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