



## Tamson Instruments 130 years!

Matthijs van der Spek M.Sc., Manager Marketing & Sales, Cobaltstraat 3, 2718RM Zoetermeer, The Netherlands, Tel:+31 79 362 31 55  
Fax: +31 79 362 33 55, Email: sales@tamson.com Website: www.tamson.com



Founded on 1 April 1878 by Mrs. Tamson (pictured right) in dedication to her husband Paulus Marinus Tamson, the company began as a wholesaler. Trading in provision of laboratory equipment in the field of chemistry and physics. Mrs. Tamson developed her own specialized range of tools for educational purposes, a tentative beginning within the science field of physics. By the 1950's the product range had diversified into a chemical field providing baths and circulators for industry. This business generated 50 years of dedicated experience within this specialized field, reflecting upon the success, quality and high performance of the company's products. The outstanding combination of stainless steel and Teflon alongside the highest standard electromechanical and electronic components guarantees a long life span of these unique products. We are proud on using the PM Tamson name which stands for quality, precision and reliability. The well-known "PMT" logo is still used by Tamson Instruments in symbolic recognition of its history.

Tamson Instruments bv now offers a quality range of thermostatic bath products. We also can diversify offering the possibility of designing or specific custom



made apparatus by request from the customer. Our products are offering reliable and accurate temperature regulation of fluids. Accuracy beyond 0.01 degree Kelvin can be achieved. The product range provides exact temperature controlling from a range of -100 to  $\pm 250$  °C. Our equipment can be found in many diverse areas of research across industrial fields such as petroleum industry, universities, research institutes and quality control laboratories. Our main markets are being found in chemical, quality control and product processing, along with research and development industries. The production range comprises mainly of circulator baths, water re-circulators, immersion and re-circulation coolers, viscometer baths and viscometer accessories.



TV2000, TV4000, TV7000



TV12

### Time Line

1878	Established by Mrs. Tamson.
1907	First Tamson catalogue.
1914	Whole supplier for field of physics.
1940-1945	Diversification to other fields during WWII (e.g. fishing gears).
1950's	Start production of Tamson thermostatic baths and circulators.
1958	Introduction TC9.
1963	Re-located to new headquarters in Zoetermeer.
1970's	Batches of 1000 products.
1978	Tamson's 100 years in business!
1980's	Introduction of TV2000, TV4000 and TV7000 kinematic viscosity baths.
1992	Tamson sold to Fisher Scientific USA.
1998	Fisher Scientific sold assets of manufacturing of Tamson instruments. Fisher Scientific kept sales of general laboratory supplies.
1998	Assets were put in new company – Labovisco bv
2004	Labovisco is renamed in Tamson Instruments bv.
2005	Introduction TLC80-DP14 re-circulation cooler.
2006	Introduction of new low viscosity baths TV4000LT and TV7000LT.
2007	Introduction of TLC10-3 (cooler) and TC-series (circulators).
2008	April 1 2008. Launch of new viscosity bath TV12.

## Automated ASTM D 445 Testing of Biofuels & Diesels

Biodiesel fuels are required to be certified to ASTM specification D 6751, which states that kinematic viscosity must be measured in accordance with ASTM D 445. This is a time-consuming test to perform in the laboratory.

Now a completely automated system is available. **Rheotek's** (USA) BioVis Automated Viscometer is specifically designed for Biofuels and Diesels and it complies fully with ASTM D 445 in every respect.

The Rheotek BioVis boasts a number of unique features making it the number one choice among laboratory professionals who want expediency without compromising precision or compliance to the method. The instrument is incredibly easy to use and has been designed with operator friendly software.

The instrument will automatically: equilibrate the temperature of the sample in an ASTM Ubbelohde viscometer tube, measure the flow time of the sample, obtain two consecutive flow times, remove the sample and clean and dry the viscometer tube. The kinematic viscosity will be calculated and displayed on the computer screen. Data can be printed, stored or sent to a LIMS system.

