

Reliable precision
Competent service

LAUDA Scientific – Measuring instruments for the
analysis of polymers, plastics, oils and surfactants



By specialists For specialists

For almost 50 years now, LAUDA has developed, manufactured and distributed instruments for determining physical properties like viscosity and surface or interfacial tension of polymers, plastics, oils and surfactants – robust and reliable, precision instruments, which have established themselves in numerous areas of research and quality testing.

For decades, well-known clients from all over the world have come to rely on LAUDA Measuring instruments, which bring together precision, reliability and longevity. Together with our experience in sales and service this is the perfect starting point for the next step, the set-up of an independent company for the Measuring instruments division: LAUDA Scientific.



The LAUDA film balance
(1967)



The LAUDA capillary viscometer
(1971)



New ideas New future

With this new organisation, LAUDA Scientific will now focus exclusively on the area of Measuring instruments. Here, we wish to set new standards. We will put a special emphasis on innovation and our world-wide customers.

Driven by our own research, and cooperation on a partnership basis, we are developing new methods and instruments to measure the physical properties of our customers samples. Furthermore, we will tailor our service activities to the requirements of both the market and our clients, from reliable spare parts logistics to customized maintenance for optimum availability and productivity of your Measuring instruments.

Our product range At a glance

Viscometers to determine
kinematic viscosity



- || The modular automated viscometer PVS with up-to-date Windows software can be individually configured for virtually every application
- || The iVisc is a computer-controlled, compact viscometer with excellent price/performance ratio for viscosities between 0.3 and 30,000 mm²/sec
- || The fully automated filling and cleaning module VRM and the auto-sampler VAS improves the efficiency in the lab



iVisc with
Viscotemp ET 15



PVS with auto-sampler VAS
and viscothermostat PV24

Viscothermostats for viscometry in a
temperature range from -60 to 230 °C



- || The Viscotemp and Viscocool clear-view thermostats are robust specialists for all viscometry applications
- || The Proline PV and PVL viscothermostats series ensures the highest precision in temperature and homogeneity

Tensiometers to measure surface and interfacial tension



- || The TD 1 C is the budget instrument and the entry to tensiometry
- || For fully automatic measurements with excellent reproducibility the TD 3 can be used, especially with the thermoelectric unit PTT
- || The drop volume tensiometer TVT 2 for precise measurement of surface and interfacial tension and surfactant dynamics in individual drops
- || The bubble pressure tensiometer MPT C for exact surface tension measurements of fast surfactants and their dynamics in the millisecond range



Drop volume tensiometer TVT 2

Tensiometer TD 3



Sample preparation systems to simplify dilution series

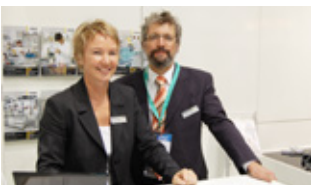


- || Automatic sample preparation for exact computer-controlled dilution of polymer solutions with full balance integration

Around the globe at your service: our sales team



LAUDA Scientific stands for precision and reliability. Together with our representatives and the experts of the LAUDA Group, we provide excellent service and logistics – for the perfect operation of your measuring equipment as well as personal assistance for all application-specific issues, before and after purchase.





Service that is personal And tailored to your needs

- || Competent partners: seminars and regular training courses for your assistance
- || Short response times: with our own service department in Germany and representatives in over 80 countries
- || Fast & flexible: our service teams assist you promptly and without any bureaucracy
- || Individual maintenance contracts: functionality and safety tests, thorough cleaning, repairs and software updates for permanent availability of your measuring capabilities



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