

- L** LABORATORY
- P** PROCESS
- S** SOFTWARE
- A** AUTOMATION

The VariFamily

The Future of Laboratory
Instrumentation and
Communication



The **Vari-Family** takes the proven **Schmidt + Haensch** technology to a new level combining it with a true **modular system**, next generation **user friendliness** and an unknown level of **connectivity**.

The modular system gives a new **budgetary freedom**. Order exactly what you need, when you need it!

Over twenty modules for each instrument offer **customized solutions** that exactly fit your application. You can order the configuration that you need and nothing more. When your requirements change, we can add a new feature. At any point of the service life new modules can be added to the instruments.

Market requirements and regulations are ever changing. **Schmidt + Haensch** is constantly developing new features to keep up with the changing environments. With the **Vari-Concept** any **Vari-Instrument** can be **upgraded with newly developed features**, in order for your laboratory to always be state of the art.

Our motto: "Use it like a smart phone". The new **intuitive interface** brings you in three clicks to all important functions. The capacitive **touch display** gives you the same touch and feel as your phone.

When you are working in challenging or hazardous conditions, display and measurement unit can be separated to ensure a safe sample handling and measurement.

Each instrument allows up to **ten years data storage**. Besides a detailed audit trail, each instrument is **21 CFR Part 11** ready. The measurement data can be statistically analysed in real time or up to ten years back.



The new **VariPol** design has nearly **half the size** of our earlier models packed with new features and highly integrated hardware. The **100mm sample room** is optimal for the needs of pharmaceutical and chemical laboratories.

Wavelength modules can be exchanged to allow a flexible operation. The **VariPol** makes polarimetry faster than ever. The new integrated peltier system can change 10°C in 30 seconds to highest precision. After stabilisation of the temperature the measurement itself takes only 6 seconds. With the **AWC** we offer the **automatic calibration of the wavelength**. This real physical calibration allows precise measurements for all your different samples.

The **VariRef** takes the proven **Schmidt + Haensch** technology to a new level combining it with new innovations and all advantages of the **Vari-Family**.

The new **double isolated peltier system** allows fastest and precise temperature control. The newly developed **ATC (Ambient T-Control)** takes temperature variations of the ambience of the instrument into account as well.

The **VariRef** possesses the well-established **easy to clean sample room**. When dealing with sticky, hard to clean or hazardous materials we offer you special cover versions to ensure proper sampling. The LED light source and the self-checking capabilities result in a **virtually maintenance free** product life.



The **VariDisplay** gives you the absolute freedom how to control and monitor your instruments.

We continue the long established **Schmidt + Haensch** principle of **interconnectivity between instruments**. All instruments of the **Vari-Family** can directly communicate with each other and can be integrated for joint measurements. Several instruments can be controlled from one platform saving you space and budget. The VariInstruments can also be combined with our established products lines to allow for a **smooth generation change** in your laboratory.

