





The VariFamily connected, compact, modular









Applications

Quality control, Incoming goods inspection, Synthesis, Research & Development



Polarimeter

Optically active substances, cannabis, sugar, pharmaceutical API's, essential oils

Refractometer

Sugar, incoming goods inspection of raw materials, organic solvents

Density meter

Ready-to-use solutions, organic solvents, beer and other food products



Compliant with international standards and 21 CFR part 11

VariPol - Polarimeter







Smart Accessories

Various tubes – easy to fill and clean Temperature monitoring directly in the tube Quartz plates – traceable to PTB standards

Unique Sample Room

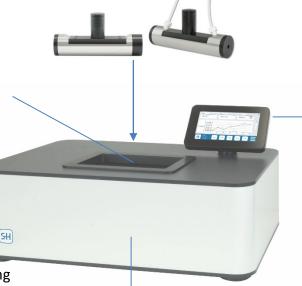
Easy cleaning due to seamless design Perfectly parallel lightpath Good chemical resistance

RapidTemp®

Extremely fast temperature conditioning High temperature stability

Application examples:

Quality control of substances, e.g. lactose, sucrose, dextrose, starch Purity measurement, e.g. of alcaloids, amino acids, organic compounds, essential oils Research of Active Pharmaceutical Ingredients (API)

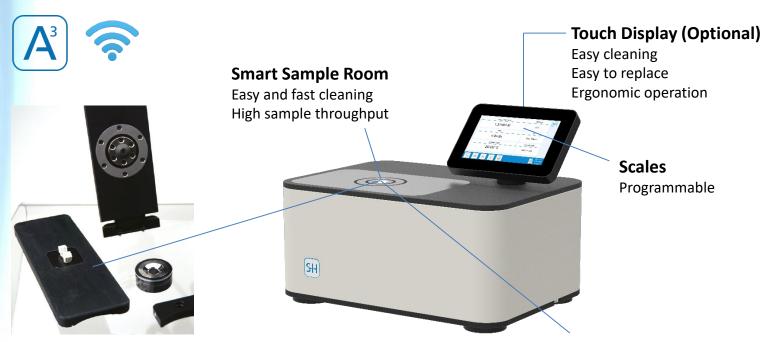


Touch Display (Optional)

Easy cleaning
Easy to replace
Ergonomic operation

VariRef - Refractometer





Solutions for various sample types

Various sample covers (Hatches: standard, solid sample, flow-through, small volume) Usable with sticky, hard-to-remove material Good chemical resistance

Application examples:

Sugar, incoming goods inspection of raw materials, organic solvents

RapidTemp®

Extremely fast temperature conditioning High temperature stability

VariDens – Density Meter







Touch Display (Optional)

Easy cleaning Easy to replace Ergonomic operation

Visual Control



RapidTemp®

Extremely fast temperature conditioning High temperature stability

Easy Sample Supply

Standard Luer system Small sample volumes Easy cleaning

Application examples:

Ready-to-use solutions, organic solvents, beer and other food products



Aquisys 3 Software – Unified User Interface

Connectivity

Operation in network and via internet Mobile use on smartphones, tablets



Multi User Concept

Multiple users in parallel on the device Parallel measuring and data viewing/reporting

Creativity

Copy and adapt pre-installed methods Create your own methods Programmable Widgets with graphical design Adjustable traffic light functionality, e.g. for measuring values

Export Capability

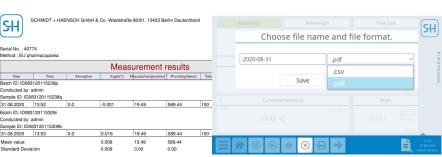
Storage of reports, audit log in various formats
Storage in network or via USB stick

Reporting

Settings for report design







Aquisys 3 Software – 21 CFR Part 11 Conformity of the Software



Database

Digital storage of all measurements Up to approx. 10 years

HAENSCH

Data Archive

Tamper-proof backups

Integrated Statistical Analysis

Auditlog

Storage of relevant processes on the system with timestamp and User ID or system identification Export as a file

User Management

Access management via authorization levels User administration through profiles Password security

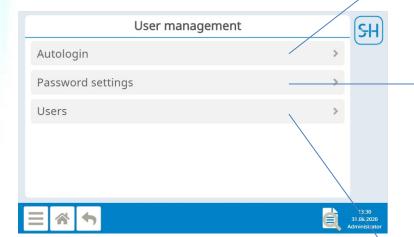




Aquisys 3 Software – 21 CFR Part 11 Conform User Management

Access Control

No Autologin in 21 CFR Part 11 Mode Only authorized persons have access

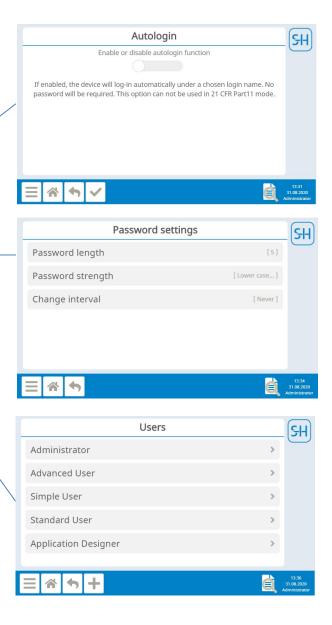


Individually adjustable password criteria

Administrator defines password length, password strength and change interval

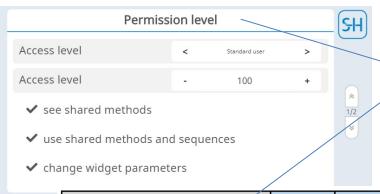
User administration via profiles

Administrator manages users Assignment of authorization levels





Aquisys 3 Software – 21 CFR Part 11 Conform User Management



Permission levels

Linear system of user rights
Clear structure with simultaneous flexibility



Access level (description)	Simple viewer	Simple user	Standard user	Advanced user	Application designer	IT administrator	Laboratory administrator
Access level (between 0 and 200)	0	50	100	125	150	175	200
see shared methods	✓	✓	✓	✓	✓	✓	✓
use shared methods and sequences	х	✓	✓	✓	✓	✓	✓
change widget parameters	Х	X	✓	✓	✓	✓	✓
use default methods	х	x	✓	✓	✓	✓	✓
simple dataviewer access	х	x	✓	✓	✓	✓	✓
create own methods and sequences	Х	X	X	✓	✓	✓	✓
share own methods and sequences	х	x	X	✓	✓	✓	✓
full dataviewer access	х	X	X	✓	✓	✓	✓
create user backups	х	x	X	✓	✓	✓	✓
access to Auditlog	х	х	X	✓	✓	✓	✓
create, modify and test scales	х	X	X	х	✓	✓	✓
change system settings	Х	X	X	X	Х	✓	✓
install updates	х	x	X	х	х	✓	✓
install user level backups	Х	X	X	X	х	✓	✓
manage user accounts	Х	х	X	Х	х	х	✓
change device settings	Х	Х	X	Х	Х	х	✓







Philipp Neumann

Sales Director

Phone: 030 417072 33

E-Mail: p.neumann@schmidt-haensch.de

SCHMIDT + HAENSCH GmbH & Co. Waldstrasse 80/81 13403 Berlin