



**SOLUTIONS FOR  
INCOMING GOODS  
CONTROL**

# Your measurement tasks & results - in full compliance

AS A LAB OPERATOR, YOU NEED TO VERIFY THE SPECIFICATIONS ON THE SUPPLIER'S CERTIFICATE.



## YOUR CHALLENGE

The measurement for verification needs to be simple and has to be performed as quickly as possible.

AS A LAB AND PRODUCTION MANAGER, YOU HAVE TO MAKE SURE THAT THE MEASUREMENT RESULTS ARE ACCURATE.



There are a vast number of measurements – performed with different instruments, by different lab operators – which need to be reviewed quickly. Results need to be available throughout the entire production cycle.

## OUR SOLUTION

We provide a highly intuitive user interface, guided user workflows, and a full set of measuring technologies for fast and easy handling.

Highly sophisticated technical instrument features like FillingCheck™ prevent handling errors. With AP Connect – Anton Paar's lab execution software – all your measurement data is accessible across your company network. It connects your instruments and organizes the data.

## YOUR BENEFIT

Enjoy 100 % prevention of handling errors. Save up to 80 % of your valuable time due to quick measurements and easier cleaning compared to manual methods.

Benefit from reliable measurement results available at any time in one place, so decisions can be made on the spot.

AS A QUALITY ASSURANCE AND COMPLIANCE MANAGER, YOU NEED TO BE PREPARED FOR INTERNAL AND EXTERNAL AUDITS, AND MONITOR ERROR MITIGATION IN CASE FINDINGS, COMPLAINTS, OR RECALLS.

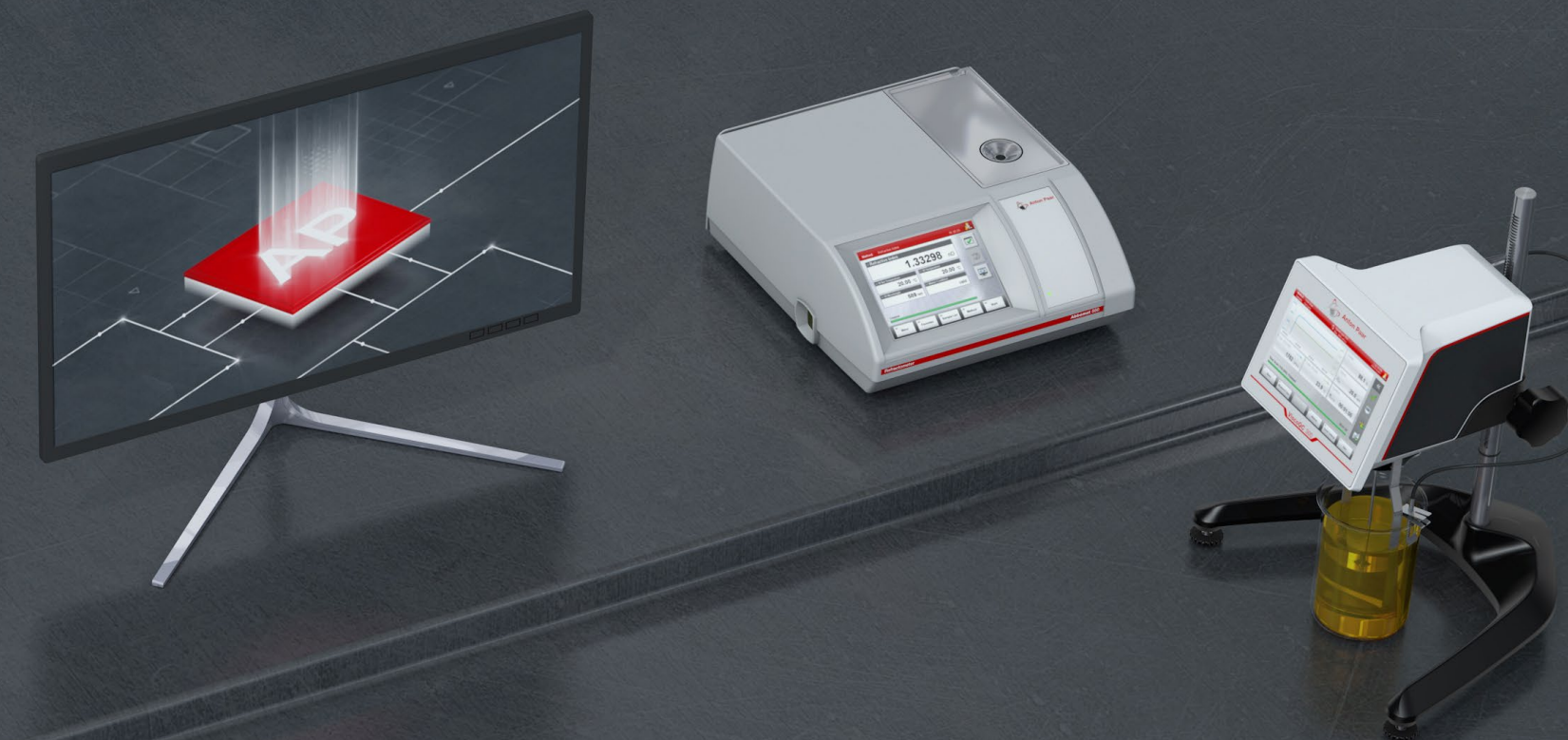


A complete track of data on every raw material for a final product needs to be available quickly. Every task must be compliant to SOPs.

The combined instrument features and AP Connect lab execution software allow full traceability and compliance. Data is managed and organized in one location. System audit trail, permission and user management (incl. electronic signature) ensure complete review of completed actions.

100 % compliance to requirements of regulated environments. Simple and efficient review possibility of results and relevant metadata throughout the complete production life cycle.

# Anton Paar's solution portfolio



RESULTS	PARAMETERS MEASURED	MONOGRAPHS	INSTRUMENTS	TYPICAL SAMPLES
Concentration, purity	Density/Specific gravity	USP 841 Pharm.Eu. 2.2.5 JP 2.56 ChP 2020 (Vol IV) 0601	DMA 4101 4501 5001(*) DMA 501 1001 Density meters	Liquid formulations & injectables Medically used buffers and sugar solutions (saline, Ringer's solution, dextrose for injections) Antibiotic solutions
Concentration, purity, substance identification	Specific optical rotation	USP 781 Pharm.Eu. 2.2.7 JP 2.49 ChP 2020 (Vol IV) 0621	MCP 5100 5300 5500(*) MCP 150 Polarimeters	Small molecular APIs in liquid formulation Medically used sugars & syrups
Concentration, purity, substance identification	Refractive index	USP 831 Pharm. Eu. 2.2.6 JP 2.45 ChP 2020 (Vol IV) 0622	Abbatmat 350 550(*) Abbatmat 300 500 Refractometers	General anesthetics Organic liquid chemicals & liquid excipients (glycerol, siloxanes ...) Medically used natural oils
Viscosity, consistency	Dynamic viscosity	USP 912 Pharm.Eu. 2.2.8 ChP 2020 (Vol IV) 0633	ViscoQC 300(*) Rotational viscometer	Gel, cremes, ointments Syrup base & syrups Medically used thickeners (gum arabic, xanthan, alginin, methylcellulose)
Viscosity, (Polymer molar mass)	Dynamic & kinematic viscosity	USP 913 Pharm.Eu. 2.2.49	Lovis 2000 ME (module in master instrument)(*) Rolling-ball viscometer	Collagen, hyaluronic acid, polysaccharides & biopolymers Vaccines & injectables
Consistency, resistance & hardness of semisolids	Penetration	USP 915 Pharm.Eu. 2.2.9 ChP 2020 (Vol IV) 0983	PNR 12 Penetrometer	Suppositories Gel, cremes, ointments Paraffins, waxes, petroleum jelly

## ADDED SERVICES

Pharma Qualification Packages & Qualification Services individually available for each instrument, complying to e.g. USP 1058, GAMP 5, GMP, EU GMP Annex 15 and 21 CFR Part 11<sup>(1)</sup>  
3-year instrument warranty

## AP CONNECT - YOUR WAY TO A PAPERLESS LAB

Connect and collect, plug and play. All your lab data in a single hub – just a click away. Choose AP Connect – the lab execution software that connects your instruments, communicates measurement information and metadata, ensures compliance, and simplifies reporting.

(\*) ... compatible as system solution with AP Connect Pharma  
(1) ... exact scope depending on instrument & features



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