System VITROS® Integrated 5600

A new commitment to innovation

The new OCD's commitment to you, and the patients you serve

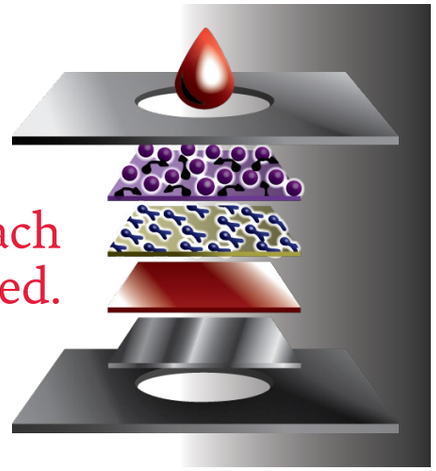
- Providing reliable systems with proven technologies that increase productivity and deliver uncompromising result quality.
- Unlocking the future of our proven MicroSlide Technology.
- Re-focus on core menu and investing in novel markers that give clinicians the right knowlege.
- Increasing flexibility and being easy to do business with.
- Seamless integration into your existing lab infustructure.
- Eliminate liquid waste and protect the water supply with systems that don't require water or drains.
- Provide industry-leading uptime, supported by:
    1) Proactive monitoring
    2) Call centers
    3) Experienced field engineers

For nearly 70 years, Ortho Clinical Diagnostics has provided the global healthcare community with the means to make better-informed patient decisions. The OCD of today is re-commited to help your lab deliver the highest quality results to those that need it most.

5 Enabling technologies.

High quality, easy to use, with unmatched flexibility in one system.

End each shift reassured.



VITROS® MicroSlide Technology

Get industry leading 95% reportable result efficiency, with storage and stability ahead of anyone else.

Make your clinicians smile.

VITROS® MicroWell Technology

Enhanced Chemiluminesence, with exceptional Immunoassay accuracy.

Answer tough questions.

VITROS® MicroTip Technology

Special chemistry menu offerings with less waste, more flexibility.

Know the unknowns.

VITROS® MicroSensor Technology

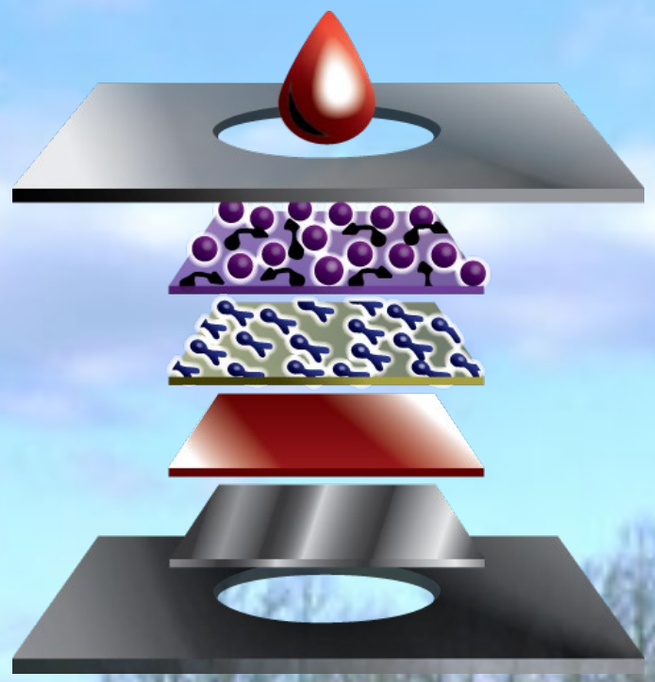
Minimize interferents and save time, cost, and frustration.

Second guess less.

VITROS® Intellicheck® Technology

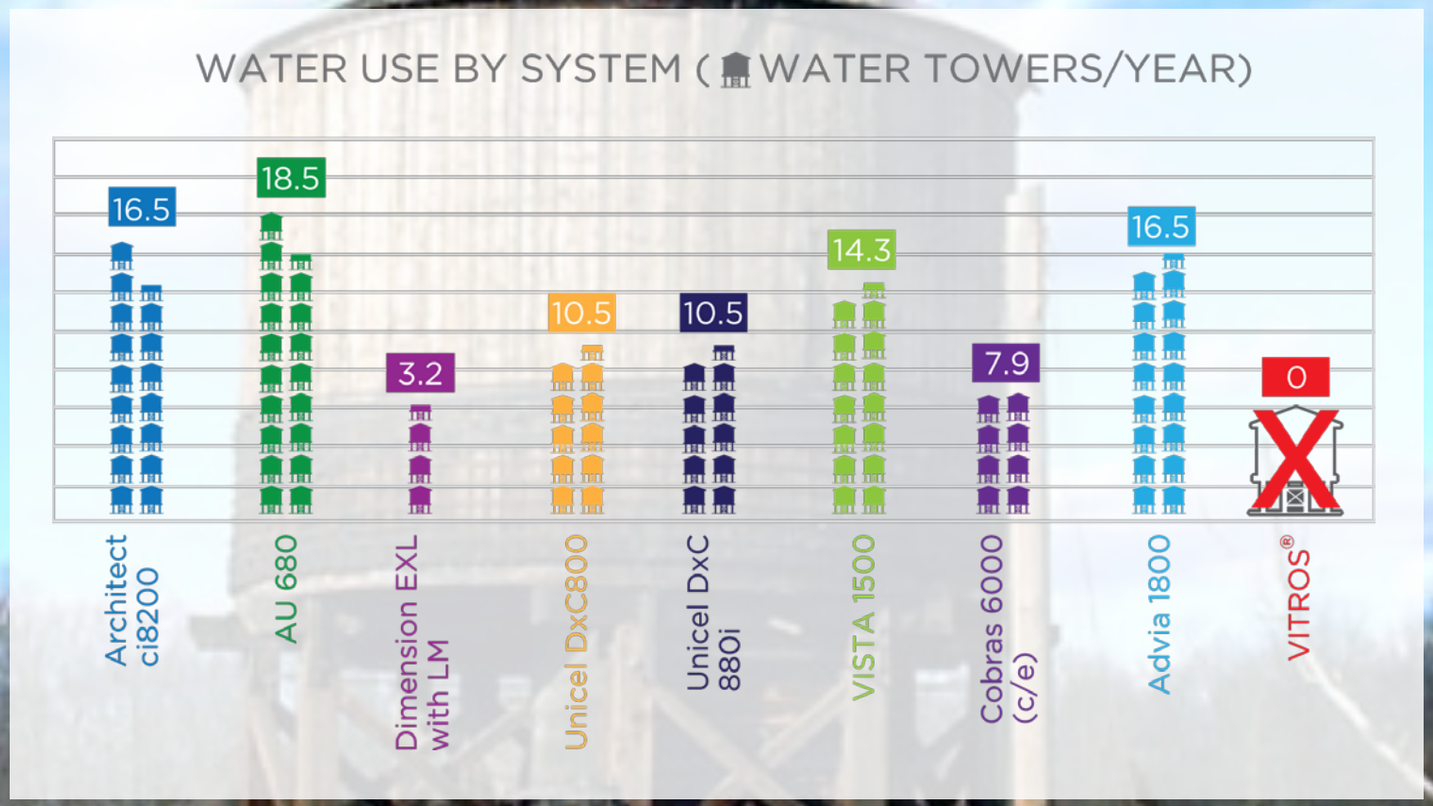
Increases result certainty and minimize re-testing.

A better integrated solution has dry slide technology.



VITROS® is the only solution with dry slide technology

No water, plumbing or drains.
You can place it where you want, not where you have to.
Safety in the event of disaster that compromises water supply.



	VITROS® Systems	NON-VITROS® Systems
Water	0 gal/year	43,104 gal/year
Filtration System	None	Required
Plumbing	None	Required
Drains	None	Required
Waste Water Impact to the Environment	None	Present
Additional Cost beyond System	**$0**	**$$$$**

*Water towers hold 3,500 gallons of water

*CAP Today July, 2013 www.captodayonline.com/productguides

Does your integrated solution
play nice with other systems?

Begin treatment with
the right result.

Ortho Clinical Diagnostics Integrated VITROS 5600® System delivers the ability to begin treating the world's most serious diseases.

*Our menu covers 90% of the menu needs and 99% of the testing volume for typical labs.

* Ortho Clinical Diagnostics internal data on file.

VITROS® Menu of Assays

FOR U.S. DISTRIBUTION ONLY

VITROS® ECi/ECiQ Immunodiagnostic Systems VITROS® 3600 Immunodiagnostic System VITROS® 350 Chemistry System VITROS® 4600/5,1 FS Chemistry Systems VITROS® 5600 Integrated System					
Cardiac					
Apolipoprotein A1[2]	+	+			
Apolipoprotein B[3]	+	+			
Cholesterol[1]	+	+	+		
CKMB	+	+	+		
CKMB Mass	+			+	+
Direct HDL[1]	+	+	+		
Direct LDL[1]	+	+			
Homocysteine[4, 5]	+	+			
hsCRP	+	+			
LDH	+	+	+		
Myoglobin	+			+	+
Total CK	+	+	+		
NT-proBNP	+			+	+
Triglycerides	+	+	+		
Troponin I ES	+			+	+
Drugs of Abuse (Urine)					
Amphetamines	+	+			
Barbiturates	+	+			
Benzodiazepines	+	+			
Cocaine Metabolites	+	+			
DRI® Ecstasy*	+	+			
Methadone	+	+			
Opiate	+	+			
DRI® Oxycodone*	+	+			
PCP	+	+			
THC	+	+			
Infectious Disease					
Anti-HIV 1+2	+			+	+
Anti-HCV	+			+	+
Anti-HBc	+			+	+
Anti-HBc IgM	+			+	+
HBsAg	+			+	+
Anti-HBs	+			+	+
Anti-HAV IgM	+			+	+
Anti-HAV Total	+			+	+
Rubella IgG	+			+	+
HBeAg	D			D	+
Anti-HBe	D			D	+
HIV Combo	D			D	D
Syphilis	D			D	D

VITROS® ECi/ECiQ Immunodiagnostic Systems VITROS® 3600 Immunodiagnostic System VITROS® 350 Chemistry System VITROS® 4600/5,1 FS Chemistry Systems VITROS® 5600 Integrated System					
Oncology					
AFP	+			+	+
CA 125 II™	+			+	+
CA 15-3™	+			+	+
CA 19-9™	+			+	+
CEA	+			+	+
IgA[7]	+	+			
IgG[8]	+	+			
IgM[9]	+	+			
PSA	+			+	+
Total PSA II	D			D	D
Toxicology					
Acetaminophen	+	+	+		
Alcohol	+	+	+		
Cholinesterase	+	+	+		
Salicylate	+	+	+		
Prenatal					
Anti-HIV 1+2	+			+	+
HBsAg	+			+	+
Rubella IgG	+			+	+
Total ß-hCG Generation II	+			+	+
Therapeutic Drug Monitoring					
QMS® Amikacin*	+	+			
Caffeine	+	+			
Carbamazepine	+	+	+		
Digoxin	+	+	+		
Gentamicin	+	+			
Lithium	+	+	+		
EMIT™ Phenobarbital**	+	+			
Phenytoin	+	+	+		
Theophylline	+	+	+		
Tobramycin	+	+			
Valproic Acid	+	+			
Vancomycin	+	+			
Respiratory					
Caffeine	+	+			
Carbon Dioxide	+	+	+		
Chloride	+	+	+		
Potassium	+	+	+		
Sodium	+	+	+		

VITROS® ECi/ECiQ Immunodiagnostic Systems VITROS® 3600 Immunodiagnostic System VITROS® 350 Chemistry System VITROS® 4600/5,1 FS Chemistry Systems VITROS® 5600 Integrated System					
Skeletal/Bone					
ALKP	+	+	+		
Calcium	+	+	+		
Intact PTH	+			+	+
NTx	+			+	+
Phosphorus	+	+	+		
Vitamin D	+			+	+
Pancreatic					
Amylase	+	+	+		
Lipase	+	+	+		
Nutritional Assessment					
Albumin[10]	+	+	+		
Direct TIBC	+	+			
Ferritin	+			+	+
Folate[13]	+			+	+
Iron	+	+	+		
Prealbumin	+	+			
Total Protein	+	+	+		
Transferrin[12]	+	+			
Vitamin B12	+			+	+
Anemia					
Direct TIBC	+	+			
Ferritin	+			+	+
Folate[13]	+			+	+
Haptoglobin	D	D			
Iron	+	+	+		
TIBC			+		
Transferrin[12]	+	+			
Vitamin B12	+			+	+
General Chemistry					
Amylase	+	+	+		
Calcium	+	+	+		
Glucose	+	+	+		
LDH	+	+	+		
Lipase	+	+	+		
Magnesium	+	+	+		
Phosphorus	+	+	+		
Total CK	+	+	+		
Urea	+	+	+		
Uric Acid	+	+	+		

VITROS® ECi/ECiQ Immunodiagnostic Systems VITROS® 3600 Immunodiagnostic System VITROS® 350 Chemistry System VITROS® 4600/5,1 FS Chemistry Systems VITROS® 5600 Integrated System					
Renal					
Albumin[10]	+	+	+		
Calcium	+	+	+		
Carbon Dioxide	+	+	+		
Chloride	+	+	+		
Creatinine	+	+	+		
Glucose	+	+	+		
Microalbumin	+	+			
NephroCheck®	D			D	
Phosphorus	+	+	+		
Potassium	+	+	+		
Sodium	+	+	+		
Urea	+	+	+		
Uric Acid	+	+	+		
Urine Protein	+	+	+		
Hepatic					
AAT	+	+			
Albumin[10]	+	+	+		
ALKP[11]	+	+	+		
ALT[11]	+	+	+		
Ammonia	+	+	+		
AST[11]	+	+	+		
BuBc	+	+	+		
Cholinesterase	+	+	+		
GGT	+	+	+		
IgA	+	+			
IgG	+	+			
IgM	+	+			
Total Bilirubin	+	+	+		
Prealbumin	+	+			
Spinal					
Glucose (csf)	+	+	+		
Total Protein (csf)	+	+	+		
Lipids					
Apolipoprotein A1	+	+			
Apolipoprotein B	+	+			
Cholesterol	+	+	+		
Direct HDL	+	+	+		
Direct LDL	+	+			
Triglycerides	+	+	+		

VITROS® ECi/ECiQ Immunodiagnostic Systems VITROS® 3600 Immunodiagnostic System VITROS® 350 Chemistry System VITROS® 4600/5,1 FS Chemistry Systems VITROS® 5600 Integrated System					
Inflammatory					
ASO[15]	+	+			
C3	+	+			
C4	+	+			
CRP[14]	+	+	+		
IgA	+	+			
IgG	+	+			
IgM	+	+			
RF	+	+			
Thyroid/Metabolic					
Cortisol	+			+	+
Free T3	+			+	+
Free T4	+			+	+
Intact PTH	+			+	+
Lactate	+	+	+		
T3 Uptake	+			+	+
Total T3	+			+	+
Total T4	+			+	+
TSH 3rd Generation	+			+	+
Diabetes					
Creatinine	+	+	+		
Glucose	+	+	+		
HbA1c	+	+			
Microalbumin[6]	+	+			
Urea	+	+	+		
Reproductive					
Estradiol	+			+	+
FSH	+			+	+
LH	+			+	+
Progesterone	+			+	+
Prolactin	+			+	+
Testosterone	+			+	+
Total ß-hCG Generation II	+			+	+
TSH 3rd Generation	+			+	+
Immunosuppressant Drugs					
Cedia® Cyclosporine*	+	+			
QMS® Everolimus*	D	D			
Cedia® Mycophenolic Acid*	+	+			
QMS® Tacrolimus*	D	D			

+ = Available
D = In development/Currently not available

*Manufacturer Validated Assay (MVA); Reagents and validated applications available directly from Thermo Fisher Scientific 1-800-232-3342; product availability subject to third party's or their agent's capability to support the customer.

**Manufacturer Validated Assay (MVA); Reagents and validated applications available directly from Ortho Clinical Diagnostics; product availability subject to third party's or their agent's capability to support the customer.

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Integration that is truly integrated.

Saves time and money

Chemistry and imunoassay samples are processed in paraellel. Improves turn around time and increases efficiency.

More checks less balances

Matched processing capabilities for chemistry and immunoassay with uninterrupted workflow.

More checks less samples

150 reagent positions and 100 assays onboard at one time.

Don't. Stop.

Matched processing capabilities for chemistry and immunoassay with uninterrupted workflow.

No carry-over EVER

Single use tips for sample and reagent metering.

Don't call us we'll call you

e-Connectivity®/ Proactive Monitoring

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