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Fax FROM

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CORE ENZYMATIC KITS Unitech uv Reagents, Quantitative

Product	Tests	\$US	Description
AA-F60	30	\$115	Acetic Acid UniFlex
AA-F150	75	\$233	
AA-F500	250	\$700	
AMM 60	30	\$45	Ammonia UniTab
AMM 150	75	\$100	
AMM 500	250	\$300	
AMM2 60	30	\$63	Ammonia Extended Range UniTab
AMM2 150	75	\$140	
AMM2 500	250	\$420	
CIT-40	20	\$50	Citric Acid (2 X 10 Tests)
GF-F60	30	\$90	D-Glucose/D-Fructose UniFlex
GF-F150	75	\$190	
GF-F500	250	\$570	
GF-60	30	\$90	D-Glucose/D-Fructose UniTab
GF-150	75	\$190	
GF-500	250	\$570	
GLY-80	80	\$115	Glycerol
LLA-100ep	50	\$140	L- Lactic Acid
LLA-40_ep	20	\$65	
MA-F60	30	\$90	L-Malic Acid UniFlex
MA-F150	75	\$190	
MA-F500	250	\$570	
MA CW F60	30	\$95	L-Malic Acid UniFlex Extended Range
MA CW150	75	\$200	
MA CW 500	250	\$595	
MA-60	30	\$90	L-Malic Acid UniTab
MA-150	75	\$190	
MA-500	250	\$570	
PAN-60	30	\$50	Primary Amino Nitrogen (NOPA) UniTab
PAN-150	75	\$110	
PAN-500	250	\$330	
SUC-80	80	\$40	
SO2 Fr F60	30	\$55	Sucrose (as Total Glucose) Used in conjunction with GF UniFLEX Reagent Kit to determine Sucrose Free SULFITE UniFLEX

SO2 Fr F150	75	\$130	Total SULFITE UniFLEX
SO2 T F60	30	\$55	
SO2T F150	75	\$130	
POT-F30	30	\$100	Potassium, enzymatic (OEM) <i>Improved!</i>
TA-F40	20	\$40	Tartaric Acid UniFlex <i>Improved!</i>
TA-F120	60	\$110	

ANTHOCYANINS, PHENOLICS & SPECIALITY KITS

Antho F150	75	\$75	Anthocyanins
Phen&Color ABS F150	75	\$75	Wine Phenolics & Color Reagent (420, 520,620 nm)
P-PHENenz F40	20	\$45	Polyphenol Reagent Kit
P-PHENenz F120	60	\$100	
PHENfc-F60	30	\$50	Total Phenols Folin-Ciocalteu method
PHENfc-F150	75	\$120	
_ACE-40	20	\$65	Acetaldehyde (allow at least 1 month for delivery)
_ASC F50	50		L-Ascorbic Acid (allow at least 1 month for delivery)
_CA-100	50	\$40	Calcium (allow at least 1 month for delivery)
_CU-50	50	\$85	Copper (allow at least 1 month for delivery)
_FE-40	40	\$35	Iron (allow at least 1 month for delivery)
_BioAMINE F50	50	\$70	Biogenic Amines (allow 60-days for delivery)
_BioAMINE F100	100	\$120	
_DLA-F40	40	\$75	D-Lactic Acid (allow 60-days for delivery)
_GLA F20	20	\$45	D-Gluconic Acid (allow 60-days for delivery)
_GLA F50	50	\$100	

Multi-LEVEL and Multi-ANALYTE STANDARDS

Product	\$US	Description
STD-AA	\$60	Acetic Acid Standards (0.05, .15, .4, .6, .75 G/L) 5mL
STD-AA Hi	\$60	Acetic Acid Std (.15, .4, .6, .9, 1.5 G/L) - 5mL each
STD-AMM	\$60	Ammonia Standards (25, 50, 100, 200, 300 mg/L) 5mL
STD-FRU	\$60	D-Fructose Standards (0.5, 2, 4, 6, 8 G/L) 5mL ea.
STD-GLU	\$60	D-Glucose Standards (0.5, 2, 4, 6, 8 G/L) 5mL ea.
STD-MA-Lo	\$15	L-Malic Acid Standards (0.05 G/L) 5mL each
STD-MA	\$60	L-Malic Acid Standards (0.1, .2, .4, .6, .8 G/L) - 5mL
STD-MA Hi	\$60	L-Malic Acid Std (0.2, .4, .8, 2.0, 4.0 G/L) 5 mL ea

STD-PAN	\$60	PAN Standards (L-Arginine) 5-Level - 5mL each
STD-PHE	\$60	Stds.Total Phenols (Gallic Acid: 250, 1000, 2000, 4000 mg/L) 4 Level Set, 5mL each
STD SO2 F&T-5L	\$60	Sulfite Standards – 5-levels - complement F&T-SO2 Rgt kits (10, 80, 100, 150, 200 mg/L) 5mL/vial
STD-TA	\$60	Tartaric Acid Standards (0.5, 2, 3, 4, 5 G/L) 5mL
SCE3005	\$30	Multi-Analyte High Standard, 2mL vials (D-Fru, D-Glu, Acetic, Citric, Gluconic, L-Lactic, D-Lactic, L-Malic, D-Malic & Pyruvic Acids)

ENZYMES & NUCLEOTIDES

PGI-700	\$24	700U 2mg/mL	PGI ENZYME
PGI-3500	\$50	3500 U, 10mg	
HK/G6 1mL	\$40	340U/mLHK	HK/G6PDH ENZ.
HK/G6- 5mL	\$110	170U/mL G6	
GOT-400	\$18	400 U/mL.	GOT ENZYME (200U/mg, 2 or 10mg/mL)
GOT-2K	\$70	2KU/mL	
MDH-6K	\$33	6KU/1mL	MDH ENZYME (1.2KU/mg, 5mg/mL) Sol.
MDH30K	\$85	30KU/5mL	
NAD-5G	\$135	5 g powder	NAD
NADP-1G	\$150	1 g powder	NADP
ATP-10G	\$70	10 g powder	ATP

Enzymatic (& EIA) WINE ANALYZERS, Spoilage Monitoring

CW for Wine Package	<i>As low as</i> \$27,500	ChemWell Autoanalyzer for Enzymatic & EIA – Auto-Cuvette Washing, 100 results/hr, 250 results / 30-test kit FULL AUTOMATION: pipettes, reads, calculates & Prints reports multiple curve-fitting, curve editing, Pre-programed protocol menu; Package includes custom protocols, training & installation
CW-cool	Add \$2K	ChemWell reagent cooling option
CW-T for Wine Package	<i>As low as</i> \$11,500	ChemWell-T for Wine, Random Access AutoAnalyzer: Reagent Cooling, 100 results/hr., 250 results / 30-test kit FULL AUTOMATION (see CW above) Uniquely designed for the smaller winery; Package includes custom protocols, training & installation
EnoLyzer	\$3,000	EnoLyzer semi-automated Wine Analyzer, automatically Calculates results , multiple curve-fitting, curve editing, Flexible, Easy to Use, NO maintenance. Pre-programed protocols for Unitech kits & standards; Open Software, 60 results / 30-test kit

SF 4700 EIA Strips	\$2000	Stat Fax MicroStrip Reader for EIA (ELISA) assays (e.g. for our wine allergen residue kits) 4-filters
Chromate 4300	\$3,000	Microplate reader, PC controlled, fiber optics, 4-filters for EIA (ELISA) assays (e.g. for wine allergen residue kits)

EIA Wine ALLERGENS & SPOILAGE Egg & Milk, Ochratoxin

Product	\$US/Tests	Description
CAS-E01	\$576/96	6 ELISA Reagent Kits , 96-well format: Meet EU import requirements. <u>Designed for Wine</u>
LYS-E01		Egg Albumin [=ovalbumin], Lysozyme and Casein
OVA-E01		Also available: gluten, egg and milk ELISA kits 48-Test format also available
981OC1 ALC	\$370/96	OCHRATOXIN <i>Quantitative</i> : for beer, Wine, grapes, grape juice, and must
HIST-31	\$400/96	HISTAMINE in Wine EIA , 96-well *also for Fish meal, fresh fish. sausage, milk & cheese BA 10-3100
HIST-31	\$400/96	Histamine in Wine* EIA , 96-well *Fish meal, fresh fish. sausage, milk & cheese BA 10-3100
981OC1 ALC	\$370/96	96 tests OCHRATOXIN <i>Quantitative</i> : for beer, Wine, grapes, grape juice, and must

MICROBIOLOGY – Ready to Use Media

Product	Tests	\$US	Item Description
EZ-Blue	12	\$149	EZ-Blue™ Brett Detection Made Simple - Includes Brett-SD Agar, droppers and beads
	32	\$299	
BrettSD Agar	48	\$279	Brett-SD™ Selective & Differential Agar - Isolate Brettanomyces species from wine (Colony, color change & phenolic smell confirmation)
Brett Oak	12	\$149	Test for Brettanomyces on and in Oak

FEATURED FILTRATION & MICROBIOLOGY SARTORIUS
47mm dia. **Membrane Filters: Colony Counting**
Biosart 100 Monitor: SYSTEM = FUNNEL + FILTER + DISH

S-16401-47 H6VK	48	\$85	Biosart 100 Monitor (sterile 100 mL Funnel w/ Filter, converts to Petri Dish)
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26 Types: Azide, Bismuth-Sulfite, Caso, Cetrinide, Chapman, Chromocult, ECD, End, Glu-Try., Lysine, Mac Conkey, Malt extr., MFC, Orange Serum, R2A, Sabouraud, Schaufus-Potinger, Standard TTC, Teepol, Tergitol TTC,

Tomato Juice, VLB-S7-S, Weman, Wort, Yeast extract.				
Syringe Filters - Description				
S-829-k	50	\$55	0,45µ+Glass 26mm non-sterile syringe filter	
S-824-k	50	\$55	Glass Pre-Filters: 26mm non-sterile	
Ampulized Media – 2.5 mL, 50/package 13 TYPES (some examples below)				
16400WNK	50	\$55	WL –Wallerstein for mixed yeast-bacteria	
16400WLK	50	\$55	WL–Differential for bacteria	
16400 OSK	50	\$55	Orange Serum for lactic/ acetic bacteria	
16400MPK	50	\$55	M-Green Broth	
S-15410	100	\$22	Absorbant Pads, 47 mm	

Microbiology Lab Equipment			
S-16840	\$85	Base & Frit for 100 Monitor /250 Funnel	
S-16826	\$617	3-place Manifold Stainless Steel for 100-Monitor	
S-16831	\$3900	Manifold w/ 6 X 500mL stainless steel funnels	

Laboratory & Handheld Meters for Wine Analysis

Dissolved O₂ & pH METERS...& the full line from YSI

YSI 5000	\$1175	Dissolved Oxygen Meter - Laboratory
YSI 5100	\$1575	Dissolved Oxygen Meter, Laboratory baro-correcting
YSI 5010W	\$1045	Wine Bottle Oxygen Probe, self stirring
YSI DO200	\$530	Dissolved Oxygen Meter, probe & 4 m cable, Cellar
YSIpH100	\$380	Lab pH meter/Temperature, 4m cable
YSIpH-10	\$97	Handheld, 0.003 unit accuracy, ATC

Mini-Titrators, Turbidity, D.O., pH Meters - HANNA

HI-1048P	\$202	Replacement pH Electrode for HI 2222W Meter (BNC)
HI-2222W	\$675	Winemaker's pH Package pH 3–7 Buffers & Electrode Solutions
HI-5003	\$21	pH 3 buffer solution, 1L
HI-5007	\$21	pH 7 buffer solution, 500mL
HI-70300L	\$14	Electrode Storage Solutions (500 mL)
HI-70635L	\$27	Probe Cleaning Solution: Wine Deposits, 500 mL
HI-70636L	\$27	Probe Cleaning Solution: Stains, 500 mL
HI-83749-01	\$875	Portable Turbidity/Bentonite Meter for WINE
HI-83749-11	\$130	Turbidity Calibration Kit
HI-83749-20	\$22	BentoCheck Solution Turbidity Meter
HI-84100KIT	\$162	Replacement Reagent Kit for SO2 Mini-Titrator
HI-84102KIT	\$90	Replacement Reagent Kit for T.A. Mini-Titrator
HI-84500-01	\$845	SO2 Mini-Titrator
HI-84500-70	\$85	Reagent Kit for SO2 Mini-Titrator
HI-84502-01	\$795	Mini-Titrator - Titratable Acidity for Wine
HI-84502-55	\$31.50	Titrant Solution (120mL), T.A.Mini-Titrator
HI-9146W	\$735	DO meter/Wine Probe, altitude comp., waterproof

Field - Hand-held REFRACTOMETERS

US 503	\$60	Brix 0-40%, Alcohol Vol 0-25%
US 513	\$120	Brix 0-40%, Alc Vol 0-25% ATC
Master M	\$155	ATAGO Brix 0-32%, 0.1% resolution
Master T	\$175	ATAGO Brix 0-32%, ATC 0-40°C, 0.1%
Master α	\$240	ATAGO Brix 0-32%, ATC 0-40°C, 0.1%, Ip65

Digital REFRACTOMETERS

PENPRO	\$415	PEN-PRO , Brix 0-85%, ATC 0-60 °C, <i>continuous measuring</i>
PAL-1	\$295	Digital, Brix 0-53%, ATC 0-40°C
PAL-2	\$320	Digital, Brix 45-93%, ATC 0-40°C
PAL-3	\$800	Digital, Brix 0-93%, ATC 0-40°C
PAL-α	\$415	Digital, Brix 0-85%, ATC 0-75°C

Enzymatic (& EIA) LABORATORY SUPPLIES
Cuvettes, Sample Filters & Syringes

PS 500	\$19	ChemWell Sample Tubes, 12X50 mm polystyrene, 500/bag
PS caps	\$4	Caps for PS-500 Sample Tubes, 100/bag
PNPCheck	\$50	CW Performance Check: PNP 15mL & Diluent 150mL
CW-vial	\$26	CW Vials, 2mL screw-cap, 500/pkg
CW-cap	\$10	Multi-color Screw Caps for CW Vials, 100/pkg
BS12X75	16.50	STATFAX Tubes, 12X75mm glass 250/pkg
BS-Caps	3.50	Flanged Caps for 12mm Tubes, 100/bag (Colors)
CW-6301	\$195	ChemWell Microwell cuvettes, 8-well strips, 320/pkg
CW-Wash	\$15	ChemWell Wash 100-X Solution Concentrate, 500 mL
Rgt-Alc	\$20	Reagent Alcohol, 500 mL
EG-3127	\$105	Methyl acrylate cuvettes, 280&340nm 2–4mL (5Trays, 100ea) 500.
EG-3169	\$118	Semi-micro Me-acryl cuvettes, 1-2 mL (5Trays, 100/Tray) 500
EG-3129	\$30	Cuvette Caps, polyethylene (500/bag)

Micro-Pipettors

PIP-10,100,1000	\$255	Adjustable Pipettors (3 Ranges 1-10, 10-100, 100-1000µL)
R-PIP 260	\$380	Repeating, Adjustable Pipettor, 1-5000 µL
R-P-SYR	\$82	Syringes for RIP-260, 100/box, 8-Sizes: 1-5000 µL