

Eclipse - Wet Chemistry



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What is Wet Chemistry?

- **Clinical Chemistry**
- **Tests performed using liquid reagents**



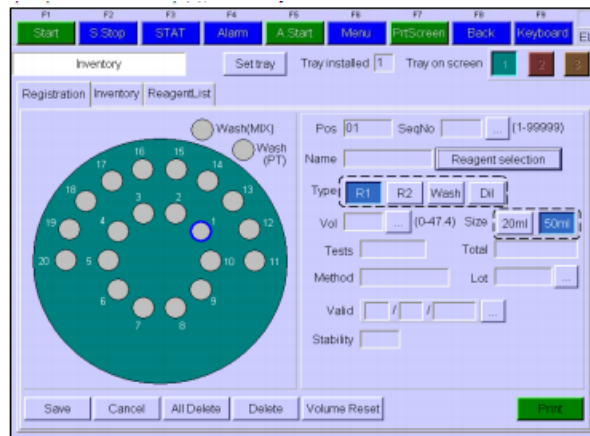
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Why Use Wet Chemistry?

Flexibility

- Can create own profiles
- Can perform single tests
- Can perform “special” tests e.g. Bile Acids, T4, Fructosamine, GLDH, Lipase. Convenient and cost saving compared sending to a lab



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Why Use Wet Chemistry?

More Accurate/Precise Results

- Data compatibility with large laboratory based analysers
- Comparable reference ranges

Save Time

- Save time on batch tests



Dry Chemistry v Wet Chemistry

Dry

- Simple instrumentation
- Reagents are ready for use
- Low maintenance
- Auto-Calibration
- Can use whole blood



Wet

- Instrumentation requires more user input
- Reagents require more management
- More maintenance required
- Serum or heparin plasma
- **More Flexible with potential for wider range of tests**
- **More cost effective for some clinics**



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Woodley, Vetservice & Randox

Randox is an international clinical diagnostic solutions company with sales and distribution agreements in 130 countries. Established in 1982, Randox is a market leader in the clinical diagnostics industry

In September 2013 Woodley entered into a worldwide distributor agreement to represent the Eclipse analyser and Randox reagents which includes distribution in New Zealand by The Vetservice Group

RANDOX



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Eclipse

Features:

- Built-in touch screen control panel and PC
- Compact with small footprint
- 90 tests/hour
- Small sample size – minimum volume 120ul
- Flexible testing – full profile or single analyte
- Minimal user maintenance requirement
- Extremely reliable results with very low CVs
- STAT testing for improved turnaround times
- Convenient onboard reagent storage



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Available Tests

Tray 1
Albumin
ALP
ALT
AMY
Calcium
Cholesterol
Creatinine
Glucose
Phosphorous
T Bili
T Pro
Urea
CK
GGT
AST

Tray 2
T4
Fructosamine
IgG
Direct Bilirubin
GLDH
Trigs
Mg
Lipase
LDH
Zinc
Uric Acid
Bile Acids

Additional
On request
Copper
CRP
Haemaglobin
Lactate
Phenobarbital
Selenium
Hydroxy- butyrate
IgA
CO2 Total
Iron
Microalbumin