



### CONTROL PANEL

1. Menu to configure the date, time and selectable parameters.
2. Print the analysis information using the optional printer 4120113, purchased as an accessory.
3. <<ESC>> to cancel changes and escape from the menu.
4. Increase values and navigation through the menu.
5. Decrease values and navigate through the menu.
6. <<ENTER>> to accept changes to parameters and navigation through the menu.
7. LCD display to visualise parameters and results

### ADVANTAGES

Excellent precision on results.  
 Complete Nitrogen recovery from the sample.  
 Minimum operator intervention.  
 No calibration required.  
 Minimum analysis time.

### RESULTS

The results can be downloaded to a printer (Optional), required for GLP, and includes the following data:

- Consecutive unrepeatable I.D. number of analysis.
- Date and time.
- Volume of NaOH.
- Volume of Boric acid.
- Reagent normality.
- Nitrogen detected.

```

15/10/05 12:16:08
Analysis Nr: 087598
NaOH:      75ml.
Boric:     25ml.
Normality: 0.1503

Results:
Reagent:   10.521ml
Nitrogen:  22.1382mg
  
```

### ACCESSORIES



**Ink printer** (not thermal paper), size (4/6/10 cm) suitable for use with the PRONITRO A. Paper 2 1/4" (56 mm) wide. Interface RS232. Includes interface and mains cables. Part No. **4120113**

**Digestion and distillation tube.** Series MACRO of 250 ml volume. Graduated to 100 ml 42 mm Ø x 300 mm high. Part No. **4042300**



**Tube for digestion and distillation.** Series MICRO of 100 ml volume. 26 mm Ø x 300 mm high. Part No. **4001045**



### QUALITY CONTROL INFORMATION

**ALL OF THE KJELDAHL DISTILLATION UNITS 4002430 REQUIRE A PROTOCOL ASSAY FOR THE RECOVERY OF NITROGEN WHEN MANUFACTURED. THESE RESULTS COME WITH THE EQUIPMENT AND ARE VALID FOR IQ AND OQ CLARIFICATION.**

### COMPLEMENT



### Digital colorimeter "Pro-A 520"

MICROPROCESSOR CONTROLLED.  
 AUTOMATIC ZERO ABSORBANCE AND 100% TRANSMITTANCE.  
 ALPHANUMERIC 20 CHARACTER 2 LINE L.C.D. DISPLAY.

### APPLICATIONS

Reagent preparation for Pro-Nitro A.

### FEATURES

Wavelength range: 400 to 800 nm, by using special filters.  
 Standard filter: 520 nm.  
 Expanded Absorption range: -0.3 to 3.5 O.D.  
 Transmission: 0 to 100 T %.  
 Photometric accuracy: >1 % @ 1.000 A.  
 Photometric precision: ±1 % @ 1.000 A.  
 Photometric stability: 0.004 A/hr. @ 0.000 A.  
 Light source: Long life tungsten lamp.  
 Detector: Solid state.  
 Sample chamber: 10 mm cuvettes.  
 Minimum volume: 1 ml.  
 Display: Alphanumeric LCD display of 2 lines of 20 characters.  
 Calculation functions: Transmission T %.  
 Absorbance, Concentration by factor or standard concentrations.  
 Calibration: Self adjusting by software.  
**RS-232 interface.**



### CONTROL PANEL

ON/OFF switch.  
 Interactive LCD display.  
 Numeric and function keypad.

### SPARE

**Lamp of 6 V / 6 mm.**  
 Part No. **4512009**

### MODEL

Part No.	Built in printer	Height / Width / Depth cm	Power W	Weight Kg
<b>4120029</b>	<b>NO</b>	<b>11 18 28</b>	<b>10</b>	<b>4.5</b>