

# FM503 Series **Moisture Analyser**

The Oxford FM503 halogen moisture analyser gives fast repeatable results for a wide range of products



**High resolution yet a rugged and compact design make this a ideal product for routine moisture analysis in the laboratory or on the factory floor**

The halogen heating system reaches the pre-set temperature rapidly and maintains a uniform and constant heat distribution. Four measurement programs are available including fully automatic, manual and timer mode up to 60 minutes by one minute intervals or 60 to 480 minutes by 5 minute intervals.

Twenty product parameters can be stored in the memory which save time and avoid mistakes when setting up. In addition, 100 measurement results can be stored. Data can be downloaded to the accessory printer or computer via the RS232 port as can GLP/GMP compliant data.

The clear VFD display continuously updates and shows the status of the drying cycle. The keyboard has clear and easily followed functions and is sealed against spillage



| Model                          | FM503  |
|--------------------------------|--|
| Measurement method             | 400W straight halogen lamp heating system with SRA filter  |
| Max Sample Weight Capacity     | 51g  |
| Weight Resolution              | 0.001g   |
| Moisture Content Display       | 0.01%/0.1%   |
| Moisture Content Accuracy      | over 1g<br>over 5g   |
|                                | 0.10%<br>0.02%   |
| Heating Technology             | Halogen lamp (Straight type, 400 Watt max, 5000 hours)   |
| Drying Temperature             | 50-200°C (1°C increment)   |
| Timer                          | 1~ 65 mins by 1 min, 60 ~ 480 mins by 5 mins   |
| Memory of Measurement Programs | 20 sets  |
| Measurement Programs           | Standard Mode/Automatic Complete Mode/Timer Mode/Manual Mode   |
| Display Type                   | Large VFD  |
| Interface                      | RS-232C standard   |
| Data Memory Function           | 100  |
| Operating Temperature          | 5-40°C less than 85%RH   |
| Self Check Function            | Standard   |
| Sample Pan Size                | Ø85mm  |
| Power                          | AC 220V - 240V, 50/60 Hz, Approx. 400W   |
| Physical Dimension (mm)/Weight | 215(w) x 320(d) x 173 (h) / Approx. 6kg  |
| Standard Accessories           | 20 Sample Pans, 2 Pan Handles, Tweezers, Spoon,<br>Display Cover, Dust Cover, Instruction Manual, Quick Reference Card, Power Cable, 2 Fuses |

### Features

- Halogen drying technology
- 20 product memory
- Four measurement programs
- Stores 100 measurement results
- GLP/GMP compliant
- RS232 data output
- Precise temperature control

### Accessories

- AD-8121 compact printer
- FM-31 disposable pans(100)
- FM-32 Glass fibre filters
- FM-38 Display cover(5)
- FM-43 Temperature calibration kit
- 7520-F1P Calibration weight 20g class F1



AD-8121  
compact printer



### EuroCal Calibration Services

- Balance service and calibration
- Weight calibration
- Pipette service and calibration