

Ocean Axis Moisture Anylizer



Moisture analyzers of BTS series are used for quick and precise determination of material humidity upon the basis of weight loss during drying of its small sample (thermo-gravimetric method). Halogen radiators ensure effective sample drying. BTS functioning is based on strain gauge which is very popular in other industrial applications. Time, temperature and drying profile (course) can be adapted to examined material features. To simplify drying parameters choice, initial drying can be done with graph result.

The RS232C connection permits to connect a printer or a computer in order to print receipts, reports or further processing weighing results. The printed reports enable fulfilment of GLP recommendation.

Temperature correction (option):

Contact Address :
Ocean King International
6213/B, St. No.-4, Hargobind Nagar,
Ludhiana, India 141008.

Sales and Support:
Tel : +91-161-5049059, 2222471
Email: info@oceankingindia.com, amitsood24@gmail.com
website: www.oceankingindia.com, www.goldtester.co



Special Functions:

- 4 drying profiles: standard, slow, step and fast
- 20 drying settings memory

Downloads:

- ATS and BTS series datasheet
- User manual ATS BTS

Technical data

| Model | BTS110 | BTS110D |
|------------------------------------|---|---|
| Capacity (Max) | | 110g |
| Reading unit (d) | 10mg | 5mg |
| Humidity readout precision | 1% (sample 0,02÷5g) 0,1%(sample 5÷50g) 0,01%(sample >50g) | 1% (sample 0,02÷2,5g) 0,1%(sample 2,5÷25g) 0,01%(sample >25g) |
| Humidity measurement repeatability | +/- 1% (sample 2g) +/-0,4%(sample 5g) | +/- 0,5%(sample 2g) +/- 0,2%(sample 5g) |
| Working temperature | | +18÷33°C |
| Drying temperature | | <160°C |
| Sampling time | | 1-180s |
| Max drying time | | 10h |
| Device weight | | 2,8kg |
| Chamber heating time up to 100°C | | ~ 3min. |
| Weighing time | | <3ms |
| Weight chamber dimensions | | ø108x20mm |
| Pan size | | ø90mm |
| Power supply | | ~230V 50Hz 130VA |

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| | |
|-------------------------------------|-----|
| Calibration thermometer up to 250°C | 640 |
| disposable pan (10 pieces) | 12 |
| Glass filters o90 (100 pieces) | 280 |
| paper filters o90 (100 pieces) | 50 |

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