

# CXM50

## Moisture Analyzer



[www.globalcas.com](http://www.globalcas.com)

**OWNERS MANUAL**

# CAS

Identification .....	3
Overview .....	4
<b>1. Introduction</b> .....	<b>9</b>
1.1 Useful tips on the Operating Instructions .....	10
1.2 Warranty .....	10
<b>2. Safety</b> .....	<b>11</b>
2.1 Representations and symbols.....	11
2.2 Safety instructions .....	11
<b>3. Set up</b> .....	<b>13</b>
3.1 Unpacking .....	13
3.2 Transport, storage .....	14
3.2.1 Transport and shipping.....	14
3.2.2 Storage .....	14
3.3 Inspection and assembly.....	15
3.4 Choosing a suitable location .....	16
3.5 Connecting it to the mains.....	17
3.6 Safety measures.....	18
3.7 Levelling.....	18
3.8 Weight calibration .....	19
3.9 First measurement .....	20
<b>4. Operation</b> .....	<b>23</b>
4.1 Menu control operation principle .....	23
4.2 Setting and saving the configuration.....	24
4.3 Instrument configuration .....	25
4.3.1 Activating the configuration menu .....	26
4.3.2 Language function.....	26
4.3.3 Configuring the report printout .....	26
4.3.4 Configuring the application menu .....	29
4.3.5 Balance calibration .....	29
4.3.6 Temperature calibration .....	29
4.3.7 Stability .....	30

4.3.8 Quick-start .....	30
4.3.9 Interface functions .....	30
4.3.10 Date and time .....	31
4.3.11 Password protection .....	31
4.3.12 Anti-theft encoding.....	33
4.3.13 Key tone.....	34
4.4 Application menu operation .....	35
4.4.1 Activating the application menu.....	35
4.4.2 Methods .....	35
4.4.2.1 Setting method name .....	36
4.4.3 Starting weight .....	37
4.4.4 Units .....	37
4.4.5 Print rate.....	39
4.4.6 Standby temperature.....	39
4.4.7 Autostart.....	39
4.5 Special operating keys .....	40
4.5.1 The tare key .....	40
4.5.2 The print key.....	41
4.5.3 The change key .....	43
4.5.4 The start/stop key.....	43
<b>5. Determining moisture levels.....</b>	<b>44</b>
5.1 Fundamental principles.....	44
5.1.1 Adjusting to the existing measuring process.....	45
5.2 Sample preparation.....	45
5.2.1 Preventing samples being encrusted.....	46
5.3 Setting drying parameters.....	47
5.3.1 Heating program .....	47
5.3.2 Temperature .....	50
5.3.3 Timer stop .....	50
5.3.4 Switch-off criteria.....	50
5.4 Statistics .....	52
5.4.1 Print statistics .....	52
5.4.2 Reset statistics.....	53
<b>6. Data transfer.....</b>	<b>54</b>
6.1 Connection scheme .....	55

6.2 Remote control commands .....	56
6.2.1 Examples of the remote control of the instrument .....	57
<b>7. Service</b> .....	<b>58</b>
7.1 Maintenance and servicing .....	58
7.2 Replacing the mains fuse .....	59
7.3 Calibration .....	60
7.3.1 Calibrating the balance .....	60
7.3.2 Calibrating the temperature .....	62
7.4 Software update .....	65
7.5 Error messages .....	66
7.5.1 Notes on correcting faults .....	66
<b>8. Overview</b> .....	<b>68</b>
8.1 Technical data .....	68
8.2 Accessories .....	70
8.3 Menu .....	71
8.3.1 Configuration menu tree .....	71
8.3.2 Application menu tree .....	73
8.3.3 Key menus .....	74
8.3.4 Setting drying parameters .....	75
8.3.5 Setting and saving the configuration .....	75

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/CAS/CXM-50 User manual.html](https://the-checkout-tech.com/manuals/CAS/CXM-50%20User%20manual.html)

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://the-checkout-tech.com)