



EQUATORIAL TRADERS

QUALITY LAB EQUIPMENT

TECHNICAL SPECIFICATIONS

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Specifications



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Equipment	Function	Image
<p>MW1150 (TEWS)</p>	<p>At-line Moisture Measuring System</p> <p><i>The microwave moisture measurement system is designed as a small compact laboratory instrument. The display is directly attached to the sensor for optimized space conditions. The MW 1150 is set up and calibrated via PC connection. The system provides exact and reliable measurements in less than one second. The results are displayed on a 5.7 LCD monitor.</i></p>	
<p>Sinar BeanPro 6070 (Sinar Technology)</p>	<p>Handheld Moisture Meter</p> <p><i>The unique technology allows you to measure samples with the minimum of preparation and has no detrimental effect on the sample tested. Simply pour in and pour back out again. With the optional bulk density cylinder accessory, the Sinar GrainPro will also display accurate specific weight readings in kg/hl or lb/bu, with an easy to read alphanumeric display.</i></p>	

<p>Aqualab 4TE (Labcell)</p>	<p>Water Activity (aw) Meter</p> <p><i>Measure water activity (aw) in 5 minutes or less (average read time: 2.5 minutes) with ± 0.003 aw accuracy. AQUALAB instruments are the fastest, most precise water activity meters available.</i></p>	 <p>The image shows a white Aqualab 4TE Water Activity Meter. It features a digital display on the left side showing '0.0000 aw' and '0.00°C'. To the right of the display is a control panel with several blue buttons. A sample vial is inserted into a holder on the right side of the device. The front of the unit has a blue label with the 'AQUALAB 4TE' logo and 'WATER ACTIVITY METER' text.</p>
<p>Mahlkonig KENIA grinder</p>	<p>Burr Grinder and 1.1 lb bean hopper</p> <p><i>High quality design with durability and end user in mind, the Mahlkonig Kenia is a grinder from the GUA-710 and Guatemala series grinders. Vertically mounted 65mm steel burrs Spout and holder designed to clamp and hold bags during grinding. Stepped grind adjustment for consistency and user convenience. Suitable for extensive use in coffee shops, labs and roasting facilities.</i></p>	 <p>The image shows a Mahlkonig Kenia burr grinder. It is a tall, vertical machine with a grey and black color scheme. At the top, there is a hopper for coffee beans. Below the hopper is the grinding mechanism, which includes a large adjustment knob for grind size. A spout is located at the bottom for dispensing ground coffee. The machine stands on a base with a red foot.</p>

<p>Marco Eco-Boiler T10</p>	<p>Water Boiler 30 litre</p> <p><i>Hot water delivery system providing instant unlimited hot water at a controlled and regulated set temperature.</i></p>	 A tall, black and silver water boiler with a control panel on the front and a hot water tap. The brand name 'eco-boiler' is visible at the top.
<p>Brita Purity C quell ST</p>	<p>Water Filtration</p> <p><i>Decarbonises water using proven BRITA System Filtration Technology. Reduces taste and aroma-impairing elements – also in bypass water. Allows coffee to develop its full aroma. Reduces limescale deposits.</i></p> <ul style="list-style-type: none">• <i>Capacity of coffee/espresso/vending machines (at a carbonate hardness of 10 °dH/bypass setting of 40 %): 4,217-13,187 l</i>• <i>Maximum operating pressure: 6.9 bar</i>• <i>Operating position: horizontal or vertical</i>	 Three Brita water filtration jugs of different sizes, shown with water splashing around them. They have blue caps and white bodies with blue accents.

<p>Probat BRZ 4 Sample Roaster</p>	<p>Electric 4 barrel Sample Drum Roaster</p> <p>BRZ 4 <i>Battery sample roaster with 4 drums Separate temperature regulation for each drum Capacity: 80 – 100 g per drum Heating: electrical heating With cooler fan and cyclone for separation of chaff</i></p>	
<p>IKAWA Pro V3</p>	<p>Electric Sample Roaster</p> <p>IKAWA have spent the last 10 years developing a family of roasters that solved one of the greatest issues at the core of the evaluation process: repeatability and therefore reliability. Bringing digital precision and automation via the IKAWA PRO App to coffee roasting allows for greater control, efficiency and speed, and for finer adjustments to be explored.</p> <p>The Ikawa machine offers excellent roast quality with digital precision and control. It is a portable machine – small but powerful. Very simple to set up and fast to use, programmable and provides consistency for repeat roasts.</p>	

<p>KERN PFB Precision Balance</p>	<p>Electric Scales</p> <p><i>KERN scales are known for their high accuracy and versatility. In business for over 170 years, KERN are one of the world's best manufacturers of precision balances, scales, weights and microscopes for use in countless applications. Based in the Baden-Wuerttemberg federal state in Germany, KERN has a state-of-the-art manufacturing and warehouse facility where their high accuracy products are made to the highest quality standards.</i></p>	
<p>Pinhalense Screening Sieves</p>	<p>Green Bean Screening Sieves</p> <p><i>Wooden framed sample screens for grading and classifying green coffee samples. Pinhalense is a world leader in coffee processing equipment.</i></p>	
<p>Ceramic Cupping Bowls (W.Wright)</p>	<p>220 ml Cupping Bowls</p> <p><i>As per SCA cupping protocol these cupping bowls meet the standard. Manufactured in the UK from ceramic material.</i></p>	

<p>Walkuere-porzellan</p>	<p>Porcelain Cup+Brew Teapots</p> <p>An alternative brewing method for cupping as preferred by certain large roasters. The method allows for cuppers to taste the liquid with less sediment and at the same time and temperature.</p>	
<p>La Marzocco Linea Mini</p>	<p>Single Group Espresso Machine</p> <p>Inspired by the Linea Classic, the Linea Mini comes with dual boilers and an integrated brew group that allows the machine to achieve the temperature stability and energy efficiency of the saturated brew group in a reduced footprint. The Linea Mini is handmade with the same components used in our commercial machines to ensure the same durability that the Linea Classic has become famous for.</p>	