

SAMPLE ROASTERS & LABORATORY EQUIPMENT



Sample coffee roasters with 1, 2, 4 or 6 barrels



Moisture tester



Colorette 3B color measuring unit



Coffee cupping table

Probat Burns provides a complete range of sample coffee roasters and analytical equipment for testing roasting parameters and coffee characteristics.

LABORATORY & SAMPLE COFFEE ROASTERS

Put coffee beans to the test in small quantities before roasting a full batch.

- Single or multiple drum configurations for roasting and analyzing small batches (up to 3.5 oz per drum)
- Individual air, heat and cooler controls, allowing for different roasting parameters on each drum
- Temperature readout for each drum
- Gas or electric heating
- Front-access chaff collection tray for easy removal (for one-barrel roaster)
- Separate chaff collecting cyclone and cooling fan (for roasters with two, four and six barrels)

MOISTURE TESTER

Test the moisture content of green and roasted coffee beans to determine quality and ensure consistency.

- Halogen light for gentle, uniform heating
- Integrated scale
- Time-controlled or manual switch-off
- RS 232 interface
- Optional printer

COLORETTE 3B COLOR MEASURING UNIT

Measure the precise color of any coffee sample and record the data as a guide for batch consistency.

- Multilingual display
- Menu-controlled measurement program
- Optional data transfer capabilities for Microsoft® Windows® 95 / 98 / NT / XP operating systems
- Built-in printer to automatically generate sample number, date, color value, time and roaster number
- Access-controlled two-point calibration
- Light-gray and dark-gray reference plates

COFFEE CUPPING TABLE

Experience and evaluate the subtle characteristics of coffee in the cup.

- Round, 40" diameter table to comfortably seat three or four tasters at a time
- Rotatable table top for easy sampling
- Available in Terrano White and Diamond Maple
- Writing desk at each cupping station
- Water inlet and outlet connection



Roast Assured.™

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SAMPLE ROASTER TECHNICAL SPECIFICATIONS

	PRE 1Z	PRG 1Z	BRZ 2	BRZ 4	BRZ 6
Number of barrels	1	1	2	4	6
Capacity per batch	2.8–3.5 oz	2.8–3.5 oz	2.8–3.5 oz per drum	2.8–3.5 oz per drum	2.8–3.5 oz per drum
Heat type	Electric	Gas	Gas or electric	Gas or electric	Gas or electric
Voltage	110 V/10 amp or 220 V/3 amp	110 V/10 amp or 220 V/3 amp	110 V/10 amp or 220 V/3 amp	110 V/10 amp or 220 V/3 amp	110 V/10 amp or 220 V/3 amp
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Electric connected load	1.15 KVA	1.15 KVA	1.15 KVA	1.15 KVA	1.15 KVA
Energy consumption	0.850 KW	0.850 KW	0.850 KW	0.850 KW	0.850 KW
Gas heat	N/A	3,600 BTU per drum	3,600 BTU per drum	3,600 BTU per drum	3,600 BTU per drum
Dimensions					
Height	22 ¼"	22 ¼"	22 ¼"	22 ¼"	22 ¼"
Width	12 ¼"	12 ¼"	19 ¾"	32 ¾"	45"
Depth	26 ½"	26 ½"	26 ½"	26 ½"	26 ½"
Weight	110 lbs	110 lbs	260 lbs	430 lbs	600 lbs

INCLUDED COMPONENTS

- Flexible exhaust hose
- Brushes
- Filler tube
- Lubricant
- Sampler spoon
- Integrated chaff collection tray one-barrel roaster
- Separate chaff collection cyclone (15" x 15 ¾" x 45 ¼") for roasters with two, four and six barrels

AVAILABLE ACCESSORIES

- Grinders

ABOUT PROBAT BURNS

Probat Burns provides a comprehensive range of equipment and support services for roasting and processing coffee in small and large batches. The Probat Group is dedicated to exceeding international industry standards of excellence. With more than 250 years of combined industry experience, the engineers and specialists at Probat Burns continue to develop their world-leading expertise in safe, environmentally friendly and consistent roasting technologies so that all our customers **roast assured.**



Roast Assured.™

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