



MA-405 Technical Sheet

Specifications

Dimensions (Length x Height x Depth)	7.5 in x 15.5 in x 10.5 in
Weight	2.4 kg
Load Capacity	4 kg
Batteries	3 x 18650 Lithium Ion
Battery Operation	4 hours of continuous use
Charger	5V 3A
Measurement Principle	Capacitance
Sampling	Volume based
Sample volume	23 in ³
User Interface	Capacitive Touchscreen
Operational Conditions	5°C to 35°C or 40°F to 90°F
Storage	Room temperature
Mobile Application	IOS and Android



Grain List

The MA-405 is suitable for all grains published by the Canadian Grain Commission (CGC) and the United States Department of Agriculture (USDA).

Canadian Grains

Heavy Hard Red Spring Wheat	Otebo Beans
Barley Heavy Weight	Pea Beans
Canola	Pinto Beans
Soybean	Small Red Beans
Oats	Split Peas Green and Yellow
Green and Yellow Peas	Safflower Seeds
Lentils	Eastern Red Wheat Canada
Corn Low Moisture	Eastern Red Spring Wheat Canada
ChickPeas	Eastern Soft Red Winter Wheat Canada
Sunflower Seeds	Eastern White Winter Wheat Canada
Faba Beans	Northern Hard Red Wheat Canada
Rye	Canada Prairie Spring Red/White Wheat
Western/Eastern Amber Durum Wheat	Western Hard White Spring Wheat
Brown Mustard	Eastern Hard Red Winter Wheat
Oriental Mustard	Soft White Spring Wheat
Yellow Mustard	Western Winter Wheat
Light Hard Red Spring Wheat	Barley Lightweight
Azuki Beans	Canary Seeds
Black Beans	Corn High Moisture
Buckwheat	Extra Strong Red Spring Wheat
Cranberry Beans	Flaxseed
Dark Red Kidney Beans	Hemp
Great Northern Beans	Solin
Hulless Barley	Triticale
Lightweight Oats	White Kidney Beans
Oats Hulless	



US Grains

Corn
Corn High Moisture
Corn High Moisture Above 29%
Soybeans
Soybeans Low Moisture
Soybeans High Moisture Above 22%
Wheat Hard Red Spring
Hard Red Winter Wheat
Soft Red Winter Wheat
Wheat Soft White
Hard White Wheat
Canola
Oats
Wheat Durum
Alfalfa Meal
Barley Six-Rowed
Barley Two-Rowed
Rolled Barley
Black Beans
Flat Small White Beans
Cranberry Lima Beans
Great Northern Beans
Pea Navy Beans
Pinto Beans
Small Red Beans
Black Eye Beans
Baby Lima Beans
Large Lima Beans
Garbanzo Beans
Pink Beans
Light Red Kidney Beans
Dark Red Kidney Beans
Small White Beans
Lentils
Marrow Beans
Yellow Eye Beans
Yellow Eye Beans High Moisture
Mung Beans
Kidney Beans high Moisture
Coffee Green Beans
Parchment Coffee
Buckwheat
Broken Corn Foreign Material
Corn Cob Ground
Corn Meal
Rolled Flake Corn
Corn Cob Ground 1/8 Grind
Yellow Popcorn
White Popcorn
Flaxseed
Western Flaxseed
Mustard Yellow Seed
Crushed Rolled Oats
Puget Sound Oats
Brown Rice Long Grain
Brown Rice Long Grain Parboiled
Brown Rice Medium Grain
Brown Rice Short Grain
Long Grain Milled Rice
Medium Grain Milled Rice
Short Grain Milled Rice
Long Grain Milled Rice Parboiled
Medium Grain Milled Rice Parboiled
Medium Grain Milled Rice Coated
Brewers and Screenings Milled Rice
Short Grain Second Head Milled Rice
Brewers Milled Rice Parboiled
Second Head Milled Rice Parboiled
Long Grain Rough Rice
Medium Grain Rough Rice
Medium Grain Rough Rice High Moisture
Short Grain Rough Rice



Medium Grain Rough Rice Low Moisture
Long Grain Rough Rice High Moisture
Long Grain Rough Rice Parboiled
Calrose Rough Rice High Moisture
Rye
Safflower Seed Low Moisture
Grain Sorghum Milo
Grain Sorghum High Moisture
Soybeans Flakes
Soybeans Meal
Soybeans Meal Low Protein

Sunflower Seed High Moisture
Confectionary Sunflower
Sunflower Seed Low Moisture
Red Durum Wheat
Virginia Peanuts
Peanuts Meal
Green and Yellow Peas
Split Peas Green and Yellow
Faba Beans
Hemp