

TENSIPRESSER™ Lite

TEXTURE TESTER

When people eat foods, they feel texture of foods, such as hardness, softness, chewiness, stickiness, gooiness, rubbery, crispiness, shortness, smoothness. The feeling of texture is varied from person to person although the physical properties of foods must be fit in acceptable ranges.

Tensipresser Lite can be used for testing physical properties of foods and express textural properties of foods numerically.

Low Price
Easy Operation



Outward form Maximum size Driver

1 2 0 (W) × 3 1 5 (H) × 1 6 0 (D)

Outward form Maximum size Controller

2 1 0 (W) × 1 3 0 (H) × 2 6 0 (D)

Weight

about 7 k g

Consumption electric power

1 2 0 W

Power supply

1 0 0 V 5 0 / 6 0 H z

TAKETOMO ELECTRIC INCORPORATED

TENSIPRESSER™ Lite

Unique selling points

- 1) Easy operation, liquid crystal touch panel.
- 2) It can be used without a personal computer, from setting, control, to analysis data out put.
- 3) With a use of pc software(option), equipment control, stock of data and analysis out put are available.
- 4) Lord cell, which was developed taking many years, can increase the correlation between physical values of some food and organoleptic values by chewing the food.
- 5) 3 test modes are available, viz. 1 bite test, 2 bite test, and rice test.
- 6) Accurate vertical movement by the adoption of step pulse motor. Capacity:0.001mm
- 7) Keeping a sample as it is, thickness of the sample can be measured automatically
- 8) Compact in size. Total weight of driver and controller is 7kg.



Specifications

<u>Maximum sample load</u>	20 kg
<u>Sample-stage traveling distance</u>	110 mm
<u>Sample-stage motion</u>	<u>Vertical motion by ball screw</u>
<u>Sample-stage speeds</u>	0.1 ~ 10.0 mm/sec
<u>Analog/digital convert</u>	1/65,000 of full scale
<u>PC/printer transmission</u>	RS232C

Development and manufacturing

Sale

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