



TERADA

食品用製粉機

美碎機

FLOUR MILL FOR FOOD SMALL FINE POWDER MILL "BISAIKI"



※You can watch the video of ten-cha production.



example:
small fish

soy beans

green tea

rice

"BISAIKI", fine milling of dried raw material is possible by the same method as stone mill.

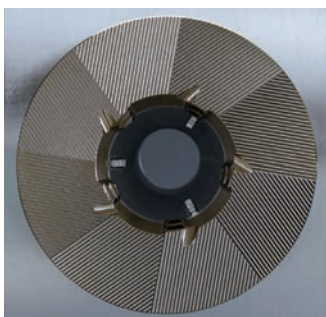
Unified and balanced granularity.

"BISAIKI" is a mill of same method as stone mill, and used original metal grinding disk instead of stone. (Upper disk is fixed, lower disk is rotational)

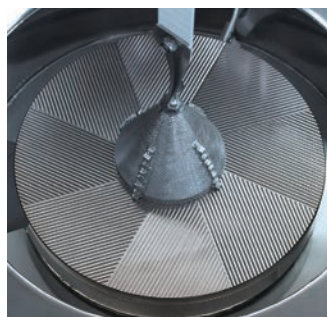
Granularity can be adjusted by changing the gap of upper and lower grinding disks by the adjusting handle. Since the clearance of all directions is designed by a spherical washer of the junction for a uniformed hitting, balanced granularity is possible.

The load while milling can be checked by an ammeter and the granularity reference is meter value.

A cooling fan is set behind the machine body to cool the heat of drive motor.



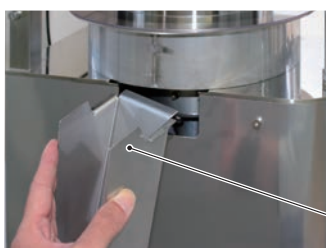
Upper grinding disk (Fixed)



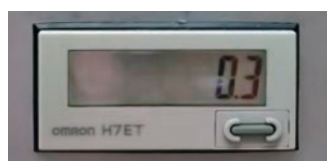
Lower grinding disk (Rotational)

Water cooling system to control the heating, prevents the deterioration of raw material.

Control the friction heating of raw material while grinding, by the structure of circulation of water from cooling tank to cool the disks. According to this quality deterioration and flavor changing are prevented, high quality fine powder can be produced.



Discharging chute can be removed easily.



Hour meter

Wonderful grindability though 100V current

Though the processing ability is 40g/h with conventional stone mill crude tea conversion, "BISAIKI" has maximum 1kg/h ability which is 25times of the stone mill. Though the granularity differs according to the raw material, in case of crude tea, milling with unified coarse granularity of 20 micron is possible. Moreover, Since the disk is lower rotation (100rpm/60Hz, 90rpm/50Hz), excellent in silence and there is no scatter of powder.



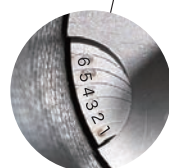
Back side

Water cooling tank

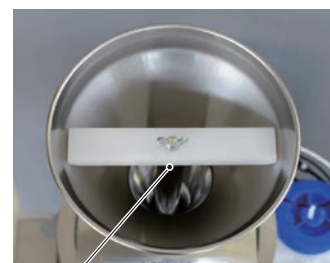
Excellent in maintainability

Soon after using the upper and lower grinding disks can be opened for cleaning and washing. Moreover upper, lower grinding disks and discharging chute are of removable structure and excellent in sanitary. And the worn out grinding disk can be reused by redressing.

option



Feeding amount adjusting metal



Magnet for metallic removal

Other options

- Cover for feeding hopper
- Discharging chute cover
- Stand (with caster)

specifications

※Please use in temperature around 25°C, humidity below 50% condition.

Type	Body size (without feeding hopper)			Water cooling tank			Weight	Power	Input	Processing ability	Processing objects
	Full length	Full width	Height	Full length	Full width	Height					
	mm	mm	mm	mm	mm	mm					
FPS-1R	377	212	573	280	185	305	40	0.2	AC 100	1~2 (*2)	Tea, Rice, Soy beans, Noodles, Small fish, etc.

*1 Except water tank. *2 Processing ability & granularity changes according to the processing objects.

※Part of the specifications might be changed for improvement.

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