

Vitamin-D booster



Enhancing mushroom vitamin-D levels in just seconds

Viscon introduces a machine that, using the pulsed light of a xenon lamp, offers the industry's fastest and most effective way to increase the level of vitamin-D in mushrooms. The machine can work integrated in a packaging line or as a stand-alone machine. The special design allows for an automatic infeed of the punnets into the machine, exposing the mushrooms to the pulsed xenon light and safe removal of the trays from the outfeed conveyor.

Fully automated vitamin-D booster

- ✓ Exposing mushrooms to xenon pulsed light for less than two seconds increases vitamin D level*
- ✓ Lab tests show that boosted mushrooms have 2-4 times more of vitamin D comparing to non-boosted mushrooms*
- ✓ Only about 5-10 boosted mushrooms can cover a human daily allowance in just one dish
- ✓ Pulsed light boosted mushroom can keep the high level of vitamin D even more than 9 days*

*According to Lab Tests done with Brown Mushrooms (the analysis available on demand)

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 **VISCON**
fresh produce

SYSTEM INTEGRATION

Post-harvest, packing & storage



Fully automated vitamin-D booster

- ✓ Pulsed UV light from xenon lamps
- ✓ Quick treatment times
- ✓ Machine designed for whole mushrooms in punnets
- ✓ Easy to operate
- ✓ Safe for operators: equipped with UV light covers
- ✓ Adjustable conveyor speed
- ✓ HMI screen control
- ✓ Efficiency up to 120 punnets / 1min
- ✓ Equipped with xenon lamp cooling system
- ✓ Stand-alone system easy to integrate into your processing line



**Fully integrated solutions to handle
these delicate & high value products**

Technical data

Length 3000mm
Width 1400mm
Height 1860mm
Weight 450kg
Electrical 400V 3 F. 50 Hz

Punnet specs

Length 100-220mm
Width 80-150mm
Height 15-85mm

Efficiency

Up to 120 punnets/min
(depending on punnet length)

Light source lifetime

About 6mln light flashes

