Claims:

1. An automated beverage production device for adding a predetermined amount of tapioca pearls to a beverage cup, comprising:

an automatic tapioca pearl extrusion machine including:

a motor;

a motor shaft, one end of which is rotatably connected to the motor;

an extrusion block, connected to the other end of the motor shaft;

a main housing, having an accommodation space wherein the extrusion block is located, and the extrusion block's cross-sectional shape corresponds to that of the accommodation space;

a conical casing, covering the bottom of the main housing and having a plurality of through-holes;

a weight sensing module on which the beverage cup is placed; and

a microcontroller, electrically connected to the motor and the weight sensing module;

wherein the tapioca pearls are positioned between the extrusion block and the conical casing.

2. The automated beverage production device of claim 1, wherein each through-hole in the conical casing has a cross-sectional area that gradually decreases from the inner wall to the outer wall of the conical casing.

3. The automated beverage production device of claim 1, wherein the multiple through-holes are located near the tip of the conical casing.

4. The automated beverage production device of claim 1, wherein the main housing is made of a transparent material.