ENCAPSULATOR LINE OF CBD OIL SOFTGELS

PRESENTATION 2020
New double technology

VEGAN AGAR & GELATIN CBD OIL SOFTGEL CAPSULES

EQUIPMENT
We sell the equipment line for the production of CBD oil and Cannabis oil soft gel capsules.

TECHNOLOGY

CONDITIONS
Royalty free. Raw materials are available on the open market.

PRODUCT
CBD, Cannabis, Hemp and Herbal oil softgel capsules. The capsule shell of plant material agar or gelatin.

GMP STANDARD
The equipment line meets all modern requirements for the production of CBD oil softgels.

SERVICE
Learning step by step. Advice and assistance in starting a business.

WWW.CAPSULESFORYOU.COM equipment and technologies for encapsulating CBD oils in agar soft gel capsules, capacity of about 90000 CBD softgels per 1 hour.
About Our Company

We offer our clients a know-how worldwide. The unique equipment Encapsulator for production of CBD, CANNABIS, HEMP oil softgels capsules, encapsulation of oil in a capsule cover, filling of the capsule oil. The received production (capsules without seams) has the name - soft seamless vegan capsules. We actively introduce the new technology of capsulation allowing to do capsules without production wastes among CBD oil producers. Having extensive experience of production of vegan capsules, we help our clients until release of finished goods.

All encapsulated equipment used in this technology is manufactured by our company and today remains to the most available at the price in the pharmaceutical market of the whole world. Unconditional advantage of a capsulation is the high efficiency of the line, use of effective price raw materials, the absence of defects and lack of production wastes.

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Soft gels capsules characteristics

NEW OF THE MARKET CBD CANNABIS HEMP OIL

Vegan and Organic product
The round capsule shell is made from vegetable raw materials or gelatin. Seaweed NOT GMO. ORGANIC. VEGAN

Capsule size and shape
The diameter of the capsules 4-10 mm / 0,157-0,39 inch. The dose of CBD oil 20-400 mg in 1 capsule / 0,0007-0,0141 oz in 1 capsule.

Shell properties
The thickness of the capsule shell is 0.02-0.1 mm / 0,00079 - 0,0079 inch. Chews easily in the mouth. Apple flavor.

Shell composition
Agar-agar (or gelatine), plasticizer, food coloring, preservative, distilled water.

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Advantage

NEW CBD CANNABIS HEMP OIL PRODUCT

Very thin shell
The capsule has a minimum amount of shell material. This is a fantastically small amount. Shell thickness capsules 0.02-0.1mm / 0,00079 - 0,0079 inch

No oxygen (O2) inside
The technology makes CBD oil capsules without a bubble of air inside. CBD oil does not oxidize for a long time.

The dose of CBD oil 20-400 mg
0,0007-0,0141 oz
The consumer can use the minimum dose in the form of a soft gel capsule that can be taken in hand.

Food design
Cannabis oil capsules can be used in the molecular kitchen and pastry to create the WOW effect.

Quick effect
Small round soft gel capsules can be easily swallowed for children, pets, people with health problems.

Types of packaging CBD oil softgel
Capsule shape allows you to pack products in blisters, plastic bottles, sachet bags, cardboard boxes. Individual packaging is possible for one capsule with CBD oil.

Savings policy
In the process of producing soft gel capsules, the amount of waste is not more than 1%. Allows you to get the maximum profit.

Mix CBD and other oils
The possibility of obtaining within one capsule several types of cbd oils.

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Production stages

INTUITIVENESS & EASE OF USE IN CANNABIS BUSINESS

Agar (Gelatin) Gel
According to the formula, prepare agar gel in the reactor, connect the pipeline to the Encapsulator.

CBD oil preparation
It is necessary to check the quality of the CBD oil and place it in the Encapsulator tank.

Soft gel capsule production
The process of forming capsules is completely automatic. Time works for 24 hours without stopping.

Cooling and drying the capsules
After making the softgel capsules must be dried before packaging. Drying time 4-5 hours

Inspection and packaging
The resulting softgels capsules are tested for quality. The final stage is packaging.

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For start-up and factory

MINIMUM INVESTMENT TO START CBD OIL FACTORY

Only 2 liters / 0,53 gal of CBD oil as the minimum load of equipment for the test or a small batch of products.

- Placement of equipment in a small CBD laboratory or room.
- The ability to service equipment by 2 employees.
- Compact size and weight of equipment, wheels to move around the room.
- Easy to manage and clean. It can be used both in the laboratory and in the industrial production of capsules.

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Battle CBD soft gel capsules

AGAR VEGAN & GELATINE TECHNOLOGY CBD OIL CAPSULES

Agar

- VEGETABLE SHELL ✓
- SMALL SIZE CAPSULES ✓
- SMALL SHELL THICKNESS ✓
- NEW TECHNOLOGY ✓

VS

Gelatine

- OLD TECHNOLOGY x
- BIG SIZE CAPSULES x
- ANIMAL SHELL x

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Specification of capsules

**THE SIZE AND DOSAGE CBD OIL SOFTGELS**

<table>
<thead>
<tr>
<th>Size (mm)</th>
<th>Diameter (inch)</th>
<th>Weight (mg)</th>
<th>Dosage (oz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3MM</td>
<td>0.12</td>
<td>13.14</td>
<td>0.0004</td>
</tr>
<tr>
<td>4MM</td>
<td>0.16</td>
<td>31.16</td>
<td>0.001</td>
</tr>
<tr>
<td>5MM</td>
<td>0.19</td>
<td>60.86</td>
<td>0.002</td>
</tr>
<tr>
<td>6MM</td>
<td>0.24</td>
<td>105.18</td>
<td>0.004</td>
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<tr>
<td>7MM</td>
<td>0.27</td>
<td>166.93</td>
<td>0.006</td>
</tr>
<tr>
<td>8MM</td>
<td>0.31</td>
<td>249.31</td>
<td>0.008</td>
</tr>
<tr>
<td>9MM</td>
<td>0.35</td>
<td>354.90</td>
<td>0.012</td>
</tr>
<tr>
<td>10MM</td>
<td>0.39</td>
<td>487.30</td>
<td>0.017</td>
</tr>
</tbody>
</table>

**STORAGE TEMPERATURE**

°C  | °F
---|---
0  | 32
25 | 77

# NEW TECHNOLOGY ON THE CBD MARKET
# SHELL OF A SOFT GEL CAPSULE MADE OF ALGAE
# FRIENDLY VEGAN AND VEGETARIAN
# FOR REGIONS WITH HUMID AND HOT CLIMATES
# ENERGY SAVING AND NO WASTE
# THE USE OF ORGANIC PRESERVATIVES SAFE
# HIGH ACCURACY OF CBD CANNABIS HEMP OIL DOSE
# SUPER STRONG AND MINIMALLY THIN CAPSULE SHELL

WWW.CAPSULESFORYOU.COM equipment and technologies for encapsulating CBD oils in agar soft gel capsules, capacity of about 90000 CBD softgels per 1 hour.
Up to 90 000 capsules / 1 hour

COST CALCULATION PRICE EQUIPMENT

- **Mass CBD oil**: 100 mg / 0.0035 oz
  - Oil dosage can be adjusted by the operator to any weight.

- **Cost of materials**: $8
  - The cost the preparation of the gel shell 90 000 capsules

- **Diameter**: 6 mm / 0.24 inch
  - Capsule sizes can be changed at the request of the manufacturer.

- **Production time**: 1 h
  - Encapsulator automatically produces 90,000 capsules in 1 hour.

- **Total batch weight**: 10 kg / 22.05 lbs
  - 90 000 ready-made capsules have a total weight of 10 kg / 22.05 lbs

- **Power consumption**: 2 kW
  - Economical power consumption for 1 hour of equipment operation

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Specifications

**Capacity**
- 90,000 capsules per 1 hour
- 720,000 capsules / working day
- 80 kg capsules / working day
- 176.37 lbs capsules / working day

**Working temperature**
- Heating temperature agar gel max: +100°C / 212°F
- Cooling temperature of oil: -5°C / 23°F

**Operating rules**
The recommended working time is 12 hours per shift. Continuous mode 24 hours a day.

GMP model

**Materials**
All parts of the equipment are made of stainless steel AISI304 and AISI316. GMP.

**Power supply voltage**
- Power is 2.5 kW
  - For the US, UK, Canada: 110V
  - For other countries: 220V

**Size and weight**
- Size: 900x900x1950 mm
- Size: 35.43x 35.43x76.77 inch.
- Net weight: 250 kg / 551.15 lbs
- P/Weight: 300 kg / 661.39 lbs.

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Cost of equipment (Encapsulator)

ENCAPSULATOR COST CALCULATION

Encapsulator
GMP MODEL
PRODUCTION CAPACITY 90,000 CAPSULES / 1H

Encapsulator
GMP MODEL
PRODUCTION CAPACITY 15,000 CAPSULES / 1H

$ 42,000
PRICE FOR BIG COMPANIES

$ 32,000
PRICE FOR A STARTUP AND LAB

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Optional equipment

- **Preparation of the gel for 1 day of work**
  
  For the preparation of agar gel 50 L/13,21 gal
  Heating temperature +100 °C / 212 °F

- **Removal of residual oil from the cbd oil capsule shell**
  
  Loading 2 kg / 4,41 lbs
  Capsules Rotation speed is not more than 400 revolutions per minute.

- **Removal of residual oil from the surface of the capsule**
  
  Loading 2 kg /4,41 lbs.
  Washing time 1-2 minutes.

- **Capsule placement drying process**
  
  60 plastic trays for capsule cbd distribution drying process.

**Gel tank**

**Centrifuge**

**Capsule washer**

**Drying system**

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Optional equipment

50L GEL TANK

VOLUME
50 LITERS / 13.21 gal
Rotating agitator for gel mix
Monitoring of temperature
Electric heating control system

TEMPERATURE
Heating temperature agar gel
max +100 C / 212 F
stainless steel AISI 304&316

ADDITIONAL OPTION
Special Gel pump
Heated hoses 2 pcs x 3 meters
Mobile electric cabinets

Gel tank
GMP MODEL

SPECIAL PRICE
$ 14000

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Optional equipment

CENTRIFUGE CBD OIL

VOLUME
5 LITERS / 1,32086 gal
Speed adjustment
a smooth start stop

MATERIALS
Stainless steel AISI 304

ADDITIONAL OPTION
Construction on wheels
Easy to wash and use

CENTRIFUGE GMP MODEL

SPECIAL PRICE $ 4000
Find maintenance personnel

FIND STAFF AND FUNCTIONS CDB OIL CAPSULES FACTORY

Technologist cbd oil

- Man or woman. Education in the field of food or pharmaceutical production.
- Control of incoming raw materials.
- Gel preparation and loading of CBD oil.
- Check the first capsule samples and adjust the gel.
- Quality control before packing capsules.

Mechanic cbd encapsulator

- Preparation of equipment for work.
- Connection of additional equipment.
- Acting as an equipment operator.
- Cleaning and testing equipment.

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Squares for your CBD oil capsules factory

**FACTORY ROOM FUNCTIONS**

1. **Laboratory**
   - Area from 100 ft² / 10 m²
   - Control parameters of incoming materials.
   - Gel preparation.
   - Cooking oil filler capsules.
   - Control the viscosity of the gel.

2. **Warehouse**
   - Area from 100 ft² / 10 m²
   - Warehouse of incoming materials. Finished products warehouse.

3. **Production room**
   - Area from 160 ft² / 15 m²
   - CBD oil capsule production. Placement of the entire production line. Encapsulator and additional equipment.

4. **Wash room**
   - Area from 100 ft² / 10 m²
   - Cleaning the surface of the capsules. Preparation of capsules for drying.

5. **Capsule Drying Room**
   - Area from 100 ft² / 10 m²
   - Racks for placing the capsules at the time of drying. Preservation of the desired temperature, the separation of moisture from the air, ventilation of the air.

6. **Packing room**
   - Area from 100 ft² / 10 m²
   - Visual quality control of finished capsules. Check the weight, thickness of the shell. Packaging equipment ready capsules.

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Search customers

CUSTOMERS AND PARTNERS

We invite to cooperation any companies in all countries of the world.

Start CBD oil business worldwide

We are the pioneers of the equipment and technology of vegan capsules CBD. We are open to all.

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Company - Soft Gel Capsules Technologies Co.Limited

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