Mixing, eating, boiling and extraction are various processes involved in making juices, pulp, essential oils, essence etc from edible and non-edible fruits having medicinal properties. This is also a first step of process for Pharma/ Food Processing Industry. Different machines are available for different process (pulverizing, mixing, steaming, pressure-cooking and juice/oil/gel-extracting), however there was no single machine available which alone can perform all of the above functions.
PRODUCT

Innovation is a portable machine capable to process various fruits, vegetables, herbs and seeds. It can also work as big pressure cooker with temperature control and auto cut-off facility. It also has condensation mechanism that helps in extraction of essence from flowers and medicinal plants.

TECHNICAL DETAILS

- Power: Singe Phase
- Electricity consumption: 1.5 units/hour
- Weight of machine: 125 kg
- Motor speed: 1440 rpm
- Rotor/Centrifuge speed: 360 rpm
- Juice extraction capacity: Model 1- 50 Kg/hr and Model 2- 150 kg of fruit juice/hour
- Two electric heaters; Automatic Temperature Cut-off, Starter panel.

SALIENT FEATURES

- Boiling is facilitated with inbuilt temperature regulation.
- In a true sense multipurpose: can process herbs, flowers, vegetables and fruits and produce many products as mentioned below.
  - Aloe Vera: Herbal Juice, Hair Gel, Face Wash, Shampoo, Hand Wash, Extract, Powder
  - Mango: Juice, Chutney, Jam.
  - Amla: Juice, Powder, Extract, Hair Oil, Candy, Sweets, Laddoo.
  - Tulsi, Aswagandha, Satavar, Herbs: Juice, extracts.
  - Flowers like rose, chameli, lavender etc: Extract & essence.
  - Machine can extract pulp, gel, essential oils, essence and juice Machine.
  - can also be used to prepare sauce/puree/ketchup/soup/paste/gel.
- It is very good option for income and employment generating opportunities for SHG, rural and tribal people by processing the fruits and selling value added products.
- It helps in improving the nutrition and in reducing the wastage of fruits, herbs and other perishable items.

AWARDS AND RECOGNITION

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