

**ANDEL**



## **Herbo Still**

**Mini**

**Essential**

**Oil**

**Distillation**

**Apparatus**

*From times immemorial people use flowers and other sweet smelling natural products as perfume, fragrance and flavours derived from plant materials.*

*These flowers and fragrant plants have been used on auspicious and religious ceremonies since ancient times.*

*A large number of aromatic plants utilised from wild sources are cultivated for commercial use by farmers. This forms the base for essential oil industry.*

*For setting up an essential oil industry it needs planting material and the distillation facility.*

## APPLICATION & USE

- Research Institutions - for Research, Training & Education.
- Essential oil manufacturing units - for producing essential oils and perfumed waters like rose water, ajowain & basil water.
- Ayurveda units - for producing Ark & liquid Extracts.
- Household cottage industry - for Farmers and housewives.
- Hobbyist - for producing essential oils and perfumed waters like rose water, ajowin and basil water on small scale.
- Employment and income generation.



Mini Essential Oil  
Distillation Apparatus



TM Applied for  
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Designed and developed by

**Institute of Himalayan Bioresource Technology, Palampur  
(Council of Scientific & Industrial Research)**

Manufactured by:

**ANDEL** 

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## SALIENT FEATURES Of THE APPARATUS

An indigenously designed , portable, cost effective, eco friendly, easy to handle more stable & durable small house hold distillation apparatus which can distill lighter & heavier essential oils.

Construction material	:	SS-304 and Borosil glass.
Vessel volume	:	25 L and 50 L (approx.)
Batch capacity	:	4-5 kg and 8-10 kg of plant material
Type of distillation	:	Water distillation, Steam distillation Water & Steam distillation
Mode of heating	:	LPG burner, Kerosine/Diesel burner, Direct heating with agro waste, Electrically heating & Steam Injection
Cost of the apparatus	:	

