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Vacuum Separator and New Venturi Flow Attachment

So efficient is the Kimseed Vacuum Separator that most Government Agricultural Departments, Seed Producers and Research Institutions throughout Australia and overseas are using it.

As an Extra Attachment, the new 2010 model has a greatly improved **Venturi Flow Attachment** capable of quicker separation and larger volumes and also vastly improving its Seed Cleaning ability.

A **Digital or Gauge type Suction Meter** is also available, allowing easier suction calibration and control.



Features:

- Quick and Easy Separation of Lighter Impurities from Seeds or Lighter Seeds from Heavy Impurities.
- Suited for Cleaning all kinds of Seeds
- Canola model suited for Canola and Linseed testing at Receival Bins.
- Quick cleaning of Research Quantities of Grains and Pasture Seeds.
- Cleans many tree, Shrub and Flower seeds specially Eucalypts, for putting through Automatic Pot Seeders.
- Portable – can be Free Standing or fixed to a Wall
- Infinitely Adjustment of both: Fan Speed and vacuum Flow using Speed Control Knob or Sliding Suction Port.
- Separation can be further enhanced by using different sized Kimseed sieves.

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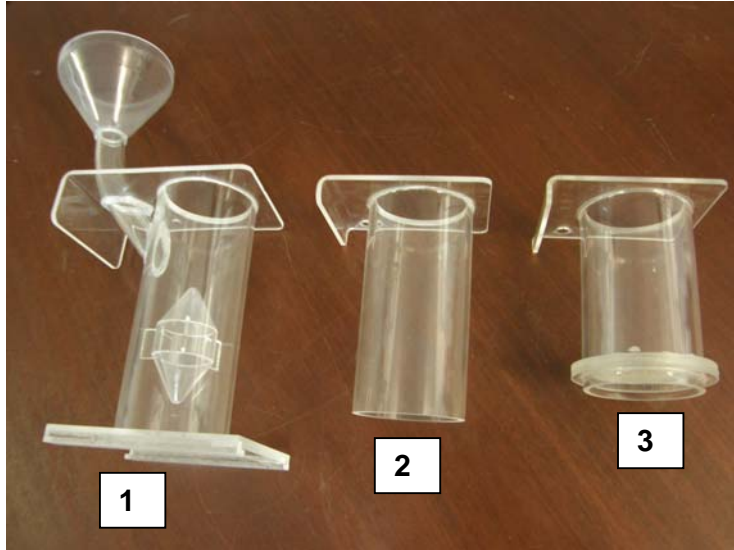
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Forestry
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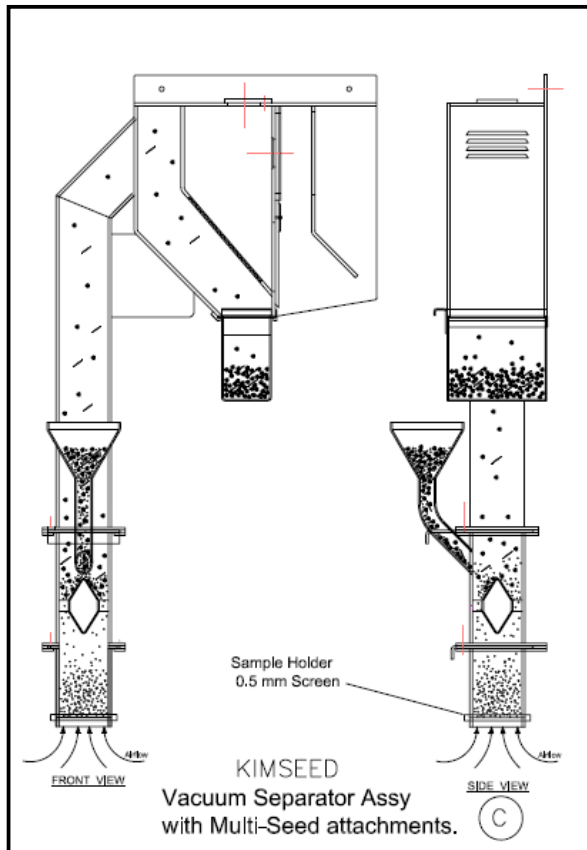
International Environmental
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Continuous Flow Attachment

In line with constant feed back from users, Kimseed has introduced a number of changes to the Vacuum Separator Accessories that greatly improve its efficiency. These changes and photos are listed below.



Stand
Optional

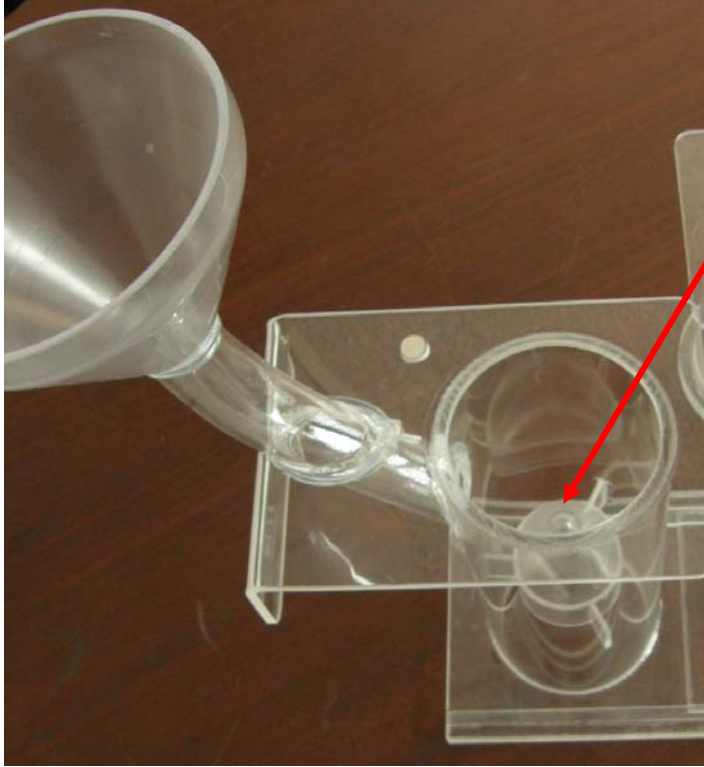


- 1) Improved Venturi Flow Attachment
- 2) Flow Through Attachment for larger quantities – can feed into 20 – 80 litre bin
- 3) Seed Sample Receptacle-Volume: 850 cc 15cm deep for small samples.
- 4) Trash tray –Volume: 2360cc 15cm deep

Note: The Standard Vacuum Separator is supplied with larger Seed Receptacle and Larger Trash tray.



Multi-Seed Venturi Attachment



The Multi-seed Feed Funnel incorporates a small venturi type Inner Cone that **Accelerates** the Air Flow around it and only allows heavier seeds to drop through.

It is a much more efficient way of separating the light particles from heavier particles, especially when the flow through attachment is fitted.

Larger 2200cc Trash Tray
Used for cleaning samples
with continuous flow
attachment



These attachments together with a 150mm Trash Tray increase the efficiency of the Vacuum Separator resulting in Cleaner Seeds- Faster, Larger Quantities being processed and Easier Settings.

Note:

These Accessories are all fully compatible with existing Kimseed Vacuum Separators.

Multi-Seed Attachment in operation



Multi-seed Venturi Funnel with sample tray



Clean Sample



Impurities in the 25mm trash tray



Faster cleaning of larger quantities.

Multi-seed Venturi Funnel with continuous flow attachment fitted which



Optional Airflow Meters available.

Digital Flow Meter



The **Digital flow meter** is useful to record with accuracy, the suction strength over the entire cleaning range of vacuum settings. With practice, the different settings can be related to seeds, their weight and size.

A table can then be configured that relates suction strength to fan speed and suction control flap.

Gauge Flow Meter



The **Gauge type flow meter** is very reliable for the basic requirements of cleaning and offers a cheaper option than the digital. Initial airflows can be set.

It is not digital and the range cannot be controlled. The needle will go above 125 pascal when seed samples are being cleaned. Digital gauges can be set to read the entire cleaning range of vacuums.