

### Dune (DCT) Features and Benefits



Feature	Benefit
Simple keypad with color coded keys	Simple 3 button operation; on/off, unit, and tare, enables quick startup with virtually no training
Battery and AC operation	Can be used in the field or on location with battery power. AC adapter included for stationary use.
3 weighing units	Users choose from the three most popular weighing units to display results (g, oz, lb)
Auto-power off	Automatically turns the balance off when not in use to save battery power
Overload indicator	Alerts user when the load exceeds balance capacity
Large square weighing pan	Accommodates a variety of sample and container sizes

## Dune Comparison



	Adam Dune	A&D Ninja	Acculab Econ	Ohaus CL
<b>Models</b>	3	2	4	3
<b>Load cell protection</b>	Overload protection	Overload protection	Overload protection	Overload protection
<b>Weighing units</b>	3	4	5	4
<b>Pan Size</b>	5.8" x 5.8"	5.1" dia	5.3" x 5.5"	4.75" dia
<b>Construction</b>	Plastic	Plastic	Plastic	Plastic
<b>Power</b>	AC adapter or battery power Adapter included	AC adapter (option)* or battery (included)	AC adapter (option)* * or battery power	AC adapter (option)** or battery power***
<b>Warranty</b>	1 year	2 year	1 year	1 year

Information correct at time of publishing. Specifications subject to change.

\* A&D adapter option additional \$15

\*\* Acculab adapter option additional \$20

\*\*\* Ohaus adapter option additional \$30



## Core (CQT) Features and Benefits

Feature	Benefit
Large Backlit Display	Fast and easy viewing of results reduces operator error and speeds the process
Intuitive keypad with color coded keys	Clearly identified function keys make setup and operation simple for operators
Stacking capability	Smart housing design lets users safely stack Highland balance for convenient storage and transportation.
Battery and AC operation	Can be used in the field or on location with battery power. AC adapter included for stationary use.
Removable draft shield	Eliminates effects of wind and drafts on balance readings. Can be removed when not needed.
ShockProtect™ overload protection	Balance is protected from overloads up to 200kg preventing damage to sensitive internal components
Slot for Kensington™ type lock	Allows the balance to be locked to a workbench for security
8 weighing units	Users choose from 8 standard weighing units to display results



### Core Comparison



	Adam Core	A&D	Acculab Econ	Ohaus CS
<b>Models</b>	7	5	4	3
<b>Draft shield</b>	5.2" diameter x 3.9" high	n/a	n/a	n/a
<b>Stackable storage</b>	Unlimited stacking	n/a	Limited 3 balances at a time	n/a
<b>Load cell protection</b>	3-point protection to 200kg	Overload protection	Overload protection	Overload protection
<b>Weigh Pan</b>	Stainless Steel	Plastic	Plastic	Stainless Steel
<b>Weighing units</b>	9	3	5	4
<b>Weigh below</b>	■	n/a	n/a	n/a
<b>Display</b>	Backlit LCD (blue)	LCD	LCD	LCD
<b>Security bracket</b>	■	n/a	■	■
<b>Construction</b>	Plastic	Plastic	Plastic	Plastic
<b>Power</b>	AC adapter or battery power Adapter included	AC adapter (option) or battery power	AC adapter (option) or battery power	AC adapter (included) or battery power (included)
<b>Warranty</b>	2 years	2 years	1 year	1 year

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## Highland (HCB) Features and Benefits

Feature	Benefit
Large Backlit Display	Fast and easy viewing of results reduces operator error and speeds the process
Intuitive keypad with color coded keys	Directional navigation keys and clear function keys make setup and operation simple for operators
HandiCal™ Internal calibration	Built-in calibration eliminates the need for external calibration weights. Users can calibrate anywhere, anytime.
Stacking capability	Smart housing design lets users safely stack Highland balance for convenient storage and transportation.
Internal rechargeable battery	Permits portable operation for up to 90 hours per charge
Removable draft shield	Eliminates effects of wind and drafts on balance readings. Can be removed when not needed.
RS-232 and USB interfaces	Allows connection to printers and computers for data collection and printing using either
GLP print outs	Allows users to adhere to good laboratory practices with complete data output as required
Date & time	Stamps data output and printouts with date and time for proper GLP data logging
Below Balance Weighing	Suspend samples below the balance in liquid for density/specific gravity determination
ShockProtect™ overload protection	Balance is protected from overloads up to 200kg preventing damage to sensitive internal components
Slot for Kensington™ type lock	Allows the balance to be locked to a workbench for security
15 weighing units	Users choose from 15 standard weighing units to display results
Totalization / Accumulation	Enables successive weighings to be accumulated in memory either automatically or with the touch of a button. Users can measure individual ingredients or components and keep a running sum of the combined weights.
Percentage Weighing	Formulate solutions by measuring components as a percentage of total. No need to measure individual component weights.
Parts Counting	Permits users to count parts based on sample quantities



### Highland Comparison



	Adam Highland	A&D EJ	Acculab Vicon	Ohaus Scout Pro
<b>USB interface</b>	Included	Accessory purchase: +\$79	Accessory purchase: +\$75	Accessory purchase: +\$80
<b>RS-232 interface</b>	Included	Accessory purchase: +\$69	Accessory purchase: +\$75	Accessory purchase: +\$80
<b>Cables</b>	Included	Incl with accessory	Incl with accessory	Incl with accessory
<b>Calibration</b>	Internal (w/built-in weight)	external only	external only	external only
<b>Draft shield</b>	5.2" dia. x 3.9" high	Optional +\$59	mg models only	mg models only
<b>Stackable storage</b>	Unlimited stacking	n/a	Limited to 3 balances	n/a
<b>Load cell protection</b>	3-point protection to 200kg	Overload protection	Overload protection	Shock/overload protection
<b>Weighing units</b>	15	9	14	7
<b>Weigh below</b>	■	Optional +\$	■	■
<b>Display</b>	Backlit LCD (blue)	Backlit LCD	Backlit LCD (red)	LCD
<b>Capacity guide</b>	■	n/a	n/a	n/a
<b>Security bracket</b>	■	■	■	■
<b>Leveling</b>	■	■	mg models only	n/a
<b>Construction</b>	Plastic	Plastic	Plastic	Plastic
<b>Display</b>	Backlit LCD (blue)	Backlit LCD	Backlit LCD (red)	LCD
<b>Power</b>	Internal rechargeable battery & AC adapter both included	AC adapter or battery power	AC adapter or battery power	AC adapter or battery power
<b>Warranty</b>	2 years	5 years	2 years	2 years

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