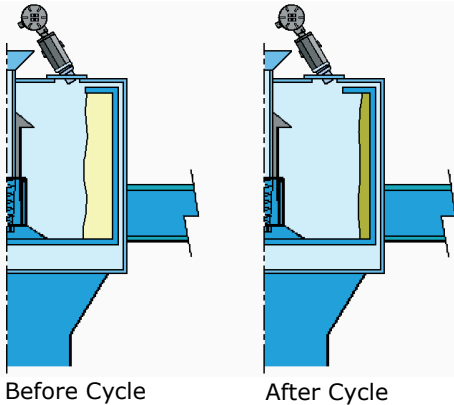


PROCESS TECHNOLOGY

CENTRIFUGE CAMERA CONTROL

BASKET / PEELER STYLE

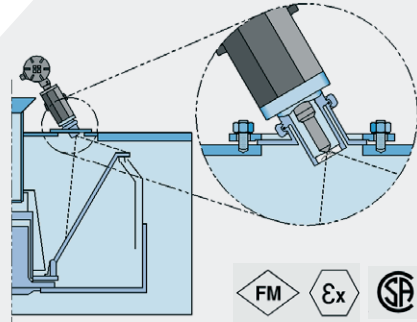


The Canty Camera / Light combination is Tri-clamp® mounted on to the existing light or sight port of the centrifuge to allow continuous internal viewing from the control room. In the control room, the Vector™ image processing computer will analyze this view and provide a 4-20mA output of fill level, filtering level, and a separate cake (solids) detection signal. The level control allows for consistent batching to the centrifuge. The cake detection 4-20mA output signal provides for immediate detection of solids, which prevent the cake from cracking. This means higher product yield due to fewer washes, and ultimately better product quality.

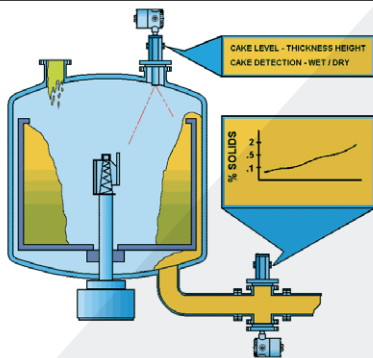
CONTINUOUS / PUSHER STYLE

The Canty Camera / Light combination is used to view and control the color line on this type of centrifuge. This avoids operator error, optimizes recovery, and minimizes washing liquid by providing a 4-20mA output signal to continually control the color line.

In addition, a second reading off the Canty Vector™ System can be used to control the surface color of the product.



DECANTER / INVERTED BASKET STYLE



The Canty Camera / Light combination views the liquid centrate discharge from the centrifuge to determine color, % solids and broken particulate, and provides the 4-20mA output required for continuous control.

In addition, cake dryness can be determined if looking at the loss of liquid flow.

Cleaning is provided by a separate spray-tube.

Ordering Information

HOW TO ORDER: Select the appropriate symbols and build a part number as shown:

Basket / Peeler Style

CBB1100-60D

Wetted Material

- B = 316 Stainless Steel
- D = Hastelloy® C276

Camera / Light options

- 1 = 1SRDO (Toroidal light with dimmer)
- 2 = 1SDO (Standard light with dimmer)
- 3 = Remote flex bundle lighting (72" TYP.)

Environmental Rating

- 1 = Explosion Proof (120V)
- 2 = Flame Proof (240V)
- 3 = WP (120V)
- 4 = IP (240V)

Video Output

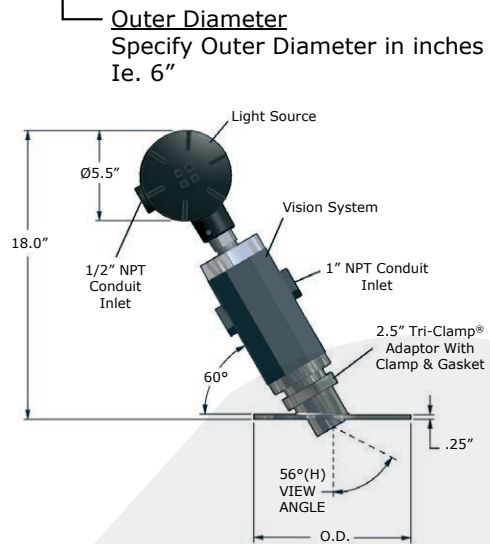
- 0 = EIA U.S. B&W Format
- 1 = CCIR Euro B&W Format
- 2 = NTSC U.S. Color Format
- 3 = PAL Euro Colour Format
- 4 = Ethernet, US Format *
- 5 = Ethernet, Euro Format*

Spraytube

- 0 = None
- 1 = Spraytube

Continuous / Pusher Style

Same part number structure as above. Consult factory if alternate mounting angle is required.



Decanter / Inverted Basket Style (Sightflow mount)

CDD13010B

Wetted Material

- B = 316 Stainless Steel
- D = Hastelloy® C276

Mounting options

- 1 = Flanged
- 2 = Tri-Clamp®

Size

- 2 = 2" (only in Flange Mount)
- 3 = 3"
- 4 = 4"

Video Output

- 0 = EIA U.S. B&W Format
- 1 = CCIR Euro B&W Format
- 2 = NTSC U.S. Color Format
- 3 = PAL Euro Colour Format
- 4 = Ethernet, US Format *
- 5 = Ethernet, Euro Format*

Environmental Rating

- 1 = Explosion Proof (120V)
- 2 = Flame Proof (240V)
- 3 = WP (120V)
- 4 = IP (240V)

Spray Ring

- 0 = None
- 1 = Spray Tube
- 2 = Spray Ring

Gasket Material

- B = Buna
- V = Viton®

- [2" Unit = 7.88"]
- [3" Unit = 9.38"]
- [4" Unit = 11.00"]

