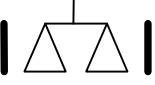








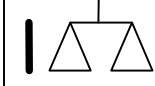






## Piece Count & Check the Weight: Smart+

The application is to fill cartons by PIECE COUNT and afterwards to check weigh the carton by WEIGHT as a double check to see that not only the count is correct, but that the weight is correct which helps confirm that the correct parts were counted.

Operation.

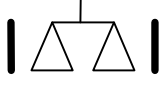






Time 02:17: PM Date 03/15/05 G 0.330 lb		0.330 lb			
	<b>Smpl 10</b>	<b>Smpl n</b>	<b>+/-</b>	<b>BigDis</b>	
					

1. Operator places the empty container on the scale
2. Operator recalls the article ID from the Smart Plus database. This includes the TARE wt, APW and the target weight (not target count).

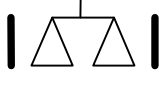






Time 02:17: PM Date 03/15/05 G 0.330 lb		0 PCS			
	<b>Smpl 10</b>	<b>Smpl n</b>	<b>+/-</b>	<b>Weigh</b>	<b>BigDis</b>
					

3. Scale automatically switches to COUNT mode.
4. Operator may sample with production parts whenever he wishes, or use only the stored APW from the database.

5. Operator fills the carton to the correct piece count.

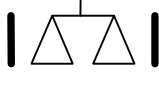






Time 02:18: PM Date 03/15/05 G 2.564 lb		210 PCS net			
	Smpl 10	Smpl n	<b>+/-</b>	Weigh	BigDis
					

6. When ready to checkweigh the carton, the operator touches the “+/-” softkey. Scale switches to +/- Checkweighing mode.

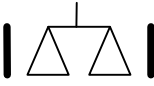






Time 02:18: PM Date 03/15/05 G 2.564 lb		GOOD		GOOD	
		OK		100.09 % Net	
	Smpl 10	Smpl n	To Zero	Accum	<b>Esc</b>
					

7. Operator confirms the weight is correct by viewing the +/- checkweigh delta-trac. This is a checkweigh of the weight, not the count.

8. To piece count the next carton the operator touches the “esc” key. The Smart+ exits the +/- Checkweigh mode.

Time 02:19: PM Date 03/15/05 G 2.564 lb		2.234 lb net			
	Smpl 10	Smpl n	+/-	<b>Count</b>	BigDis
					

9. To return to the count mode, the operator touches the “Count” key, and proceeds with counting the next container.

Time 02:20: PM		210 PCS net			
Date 03/15/05					
G 2.564 lb					
	<b>Smpl 10</b>	<b>Smpl n</b>	<b>+/-</b>	<b>Weigh</b>	<b>BigDis</b>
					

Setup considerations.

- The database must have the APW for each article to be recalled and automatically begin counting.
- If stored tare is required this value must be in the article database.
- The target weight & tolerances must be in the article database.
  - For this demo we stored TARE of 0.330 lb, APW of 0.010659 lb, Checkweighing Target 2.2340 lb, - Tol 1%, + Tol 2%
- The +/- checkweighing softkey must be assigned: Application / Softkey Config / Edit / Softkey number / Edit / Checkweighing.
- The Weigh – Count softkey must be assigned: Application / Softkey Config / Edit / Softkey number / Edit / Weigh Count.

END of demo.