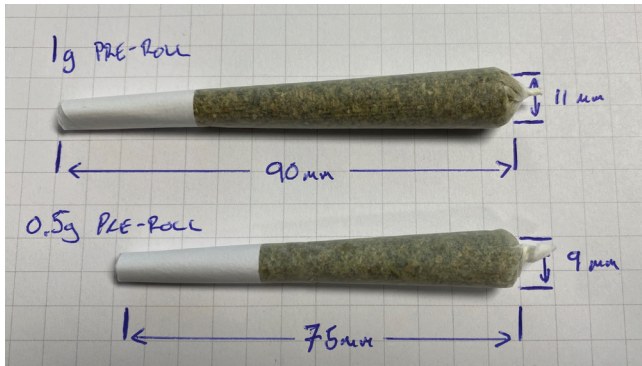


PRE-ROLL CHECKWEIGHING

To Checkweigh 1g and 0.5g pre-roll to ensure Health Canada accuracy compliance.
Maximum allowable weight deviation is +/- 10%.



REQUEST

Provide a checkweighing solution to reject out of tolerance pre-rolls in either single lane hand fed or multi-lane automated feed.

SOLUTION

- Single-Lane Checkweigher for manual line
- Multi-Lane Checkweigher for automated line

EQUIPMENT

ANRITSU Single-Lane Checkweigher - KWS6003BP03

- High accuracy checkweigher with forced balance technology
- Weighing range 0.4-100g
- Weighing accuracy +/- 10-15mg
- Automatic reject device
- Data recording and reporting



ANRITSU Multi-Lane Checkweigher – KWS6003FP06

- Available in 2-8 lanes to match pre-roll output
- High accuracy checkweigher with forced balance technology
- Weighing range 0.4-100g
- Weighing accuracy +/- 10-15mg
- Automatic individual reject device for each lane
- Data recording by lane



SOLUTIONS USED IN THE PROJECT



ACCURACY TESTING RESULTS:

Belt Speed: 15 meters/minute
Pack rate: 42ppm

0.5g Pre-Roll Accuracy Test

		Display Weight	
Prod.Name	PREROLL 0.5g	0.743g	0.736g
Meas. Acc.	0.01534g	0.734g	0.744g
Count	20	0.744g	0.735g
Master Weight	0.743g	0.743g	0.742g
Average	0.73975g	0.734g	0.739g
Standard Deviation	0.00403g	0.741g	0.741g
Range	0.011g	0.745g	0.745g
Max	0.745g	0.736g	0.735g
Min	0.734g	0.734g	0.739g
		0.743g	0.742g

1.0g Pre-Roll Accuracy Test

		Display Weight	
Prod.Name	PREROLL 1g	1.272g	1.275g
Meas. Acc.	0.01855g	1.279g	1.274g
Count	20	1.280g	1.271g
Master Weight	1.272g	1.276g	1.284g
Average	1.27645g	1.265g	1.283g
Standard Deviation	0.00470g	1.282g	1.278g
Range	0.019g	1.276g	1.275g
Max	1.284g	1.272g	1.274g
Min	1.265g	1.281g	1.279g

SERVICES

- Installation of the entire system by our in-house service team
- Machine connections and synchronization
- Recipe development and testing
- Production testing and validation
- Operator/maintenance training