

# Accuracy Certification

## World Leading Accuracy

MetroCount Counters and Classifiers have been independently tested and verified with a higher accuracy rate than competitors. With findings from organisations such as the Advanced Traffic Analysis Center in North Dakota, Transportation Systems Institute in Florida, the Queensland Government's Department of Main Roads and Main Roads Western Australia you can be confident in the accuracy of MetroCount's products.

Ask the MetroCount team for the full reports

## Independent Reviews:



Two different statistical tests (Wilcoxon Rank Sum Test and T-Test) were performed to statistically demonstrate reasonable reliability of the traffic counting tubes data. **Both statistical tests revealed there is no significant difference**, at the 95% confidence level, between the actual traffic volumes and volumes obtained from the traffic counting tubes.



The evaluation of the MetroCount Classifier consisted of installation according to manufacturer's specifications, data capture for a two-week period via simultaneous video capture and logger recording for 3 hours at the site for comparison. **The MetroCount logger recorded only 1% more vehicles than were recorded by the video.**



Traffic volume measurements on a two-lane arterial road:  
MetroCount devices **only had inaccuracies of 0.0% and 0.3% (2 lanes) and 0.0% and 0.0% (1 lane).**  
Compared to the surveillance video, the MetroCount [devices across one lane or two



Survey performed on a North/South Highway in the Perth metro region.  
Northbound  
728 vehicles surveyed between 07:29 and 10:31. **Only 3 (0.4%) were incorrectly classified.**  
Southbound  
909 vehicles surveyed between 07:29 and 10:31. **Only 2 (0.2%) were incorrectly classified.**

**Worldwide**

+61 8 9430 6164  
info@metrocount.com

**UK & Africa**

+44 208 782 8999  
uk@metrocount.com

**Europe**

+31 10 268 01 84  
europe@metrocount.com

**Americas**

+1 301 497 6101  
americas@metrocount.com

www.metrocount.com