



PROFILE

Are you hiring QC inspectors to measure small parts with calipers? Please consider adding me to your team, instead of hiring temporary or full-time workers for this tedious job.

As a “collaborative robot” I will work alongside your employees. They can load my tray, hit play, and walk away. I free them to do higher-value work.

I will automatically pick parts from the tray, measure them, and sort them into output trays. I will save all my data to a PC automatically, without errors. Your QC team can do statistical process control with more confidence.

PROBLEMS I SOLVE

- Process variations — inherent with manual inspection tools due to varying operator skill level, grip force and technique
- Measurement errors — due to fatigue, inattention or training gaps
- Data entry errors
- Lost productivity — due to lunch breaks, bathroom breaks, injuries
- Absenteeism and turnover
- The need for social distancing

CONTACT

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Q-SPAN SYSTEM

QUALITY INSPECTOR FOR HIGH-MIX, SMALL-BATCH MANUFACTURING

OBJECTIVE

To contribute immediate value to a QC team in a high-mix, small-batch manufacturing environment by automating the measurement inspection of small parts. I will add value by:

- Helping my team increase capacity faster than headcount
- Reducing labor costs to improve the bottom line
- Increasing quality to boost customer satisfaction and retention
- Providing data for continuous process improvement.

EXPERTISE

Making Precise, Repeatable and Reproducible Measurements

Measuring parts up to 3.5 ounces (100 grams) and 3.94 inches (100 mm) with part tolerances in the range of ± 0.001 inches ($\pm 25 \mu\text{m}$).

Achieving gage repeatability and reproducibility (gage R&R) equal to or better than my human co-workers.

Supporting 100% Testing and Part Traceability

Making it easy to support mandated inspection requirements within highly regulated industries.

Alleviating Quality Lab Bottlenecks

Complementing your CMM and other inspection systems to help you alleviate the bottlenecks in your QC lab.

ATTRIBUTES AND SKILLS

Fast Learner

Easy to train using the collaborative robot teach pendant and built-in robot programs. I am as easy to work with as a smartphone app.

Flexible

Able to change between different inspection tasks in minutes.

Affordable

Ready to deliver full return on investment in less than ten months. You may qualify for an IRS Section 179 tax deduction as well.

AVAILABILITY - IMMEDIATE

Call +1 (585) 924-4450 to set up an interview and virtual interactive demo. We can review your specific parts to verify that I am capable and qualified to measure them. Then **I can arrive at your facility within 4 weeks** and be fully trained and measuring parts within days.

SEE MY ONLINE BIO: [HTTPS://WWW.NEWSCALEROBOTICS.COM/HIRE-A-Q-SPAN-SYSTEM/](https://www.newscalerobotics.com/hire-a-q-span-system/)