

axicon

FOR BARCODE QUALITY

Axicon



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IQ/OQ

PQ

VCAS



IQ/OQ/PQ/VCAS

Remember:-

A verifier is a high-precision optical measuring tool.

An Axicon 6015 measures to an accuracy of $1/10^{\text{th}}$ of the diameter of a human hair !!



IQ/OQ/PQ/VCAS

We are aware of many verifiers that have been sold (past and present) that are suitable for use in a Q.A. laboratory....

But not on a factory floor where they are likely to get rough handling.



IQ/OQ/PQ/VCAS

Part of the design concept for Axicon verifiers is that....

- a) They should be accurate enough for the most discerning Q.A. laboratory.
- b) They must be robust enough for use in a production/printing environment.



IQ/OQ/PQ/VCAS

BUT....

LEDs will gradually fade over time.

Potential for dust ingress

They suffer from knocks, dropping onto concrete floors etc which can cause the lens to shift or the optics to mis-align.

We have also had verifiers returned because the dog chewed the cable.



VCAS

Or thereabouts.....

Possibly VSAC ??

Or VCSAC?

Or VSCSAC?

Or VSCSOACC?

Verifier gets stripped down, cleaned
thoroughly, serviced, Optics re-aligned,
Calibrated and Certified



IQ/OQ

“Installation Qualification and Operational Qualification”

A procedural documentation package that allows the user to go through a pre-defined routine to ensure that the verifier is correctly installed and is operated correctly.



IQ/OQ

This is a requirement for many large companies - particularly in the pharmaceutical industry.

Options:- They can write their own documentation or...

They can purchase a ready-made package that they know will be correct.



IQ/OO - Package supplied:-

- a) The package is licensed for multiple use on a single site
- b) The licensee is named on all of the documentation (every page....)
- c) The documentation is supplied on a CD so that they can print as many copies as they like.
- d) It is also supplied in hard copy form for reference purposes.
- e) Packaged in a leather wallet.



IQ/OO - Availability:-

- a) For Axicon 12000/12500 Verifiers
- b) For Axicon Linear Verifiers with USB Connection.

c) Planned:- 15000

d) Could do if demand:-

Axicon PV Series

Axicon 12600/12700 series



PQ

“Performance Qualification Test Kit”

Produced initially at the request of a large multi-national pharmaceutical company who asked....

How can they be sure that the verifier has not been damaged in shipment by the courier company ?

How can they minimise the amount of time when a verifier is off-site?



PQ Test Kit

What it does?

Allows the user to test the optical integrity of a verifiers.

(If a verifier powers-up and scans a code then how can the operator know that the results are accurate? - Use a PQ Test Kit!)

NOTE:- The Kit does not allow any on-site servicing or adjustments - only checking.



PQ Test Kit - Package supplied:-

- a) The package is licensed for multiple use on a single site
- b) The licensee is named on all of the protocol documentation (every page....)
- c) The protocol documentation is supplied on a CD so that they can print as many copies as they like.
- d) It is also supplied in hard copy form for reference purposes.
- e) Set of Traceable Reference Test Cards
- f) Packaged in a leather wallet.



PQ Test Kit

Benefits....

- a) If the procedures are correctly followed and the verifier passes all tests then the user is empowered to re-certify the verifier.
- b) Only send a verifier back for servicing if it actually need it - not just for checking and recertifying.



PQ Test Kit

Benefits....

- a) Saves cost of unnecessary VCAS.
- b) Saves unnecessary shipping costs (particularly important internationally).
- c) Saves the user being without a verifier.
- d) Particularly important for pharmaceutical and food companies where they need to ensure no cross-contamination of products.



PQ Test Kit

Reseller Benefits....

- a) Option to sell kits to end-user customers (normal accessory levels discounts apply)
- b) Option to purchase a kit for in-house use and sell an “in-country verifier checking” service.

(Note:- If this is done then any “Certificate of Conformity” supplied should be issued under the authority of the reseller and not with an Axicon logo or implying that Axicon themselves have checked the verifier).



PQ Test Kits - Availability:-

Available now:-

- a) For Axicon 12000/12500 Verifiers
- b) Axicon 12600/12700 Verifiers
- c) For Axicon Linear Verifiers with USB Connection.

d) Planned:- 15000



Any Questions ?

