

SQ1E – EN 285 Compliant Pure/Clean Steam Quality Test Kit

21st century steam quality testing technology combines compliance and accuracy with simplicity



Automatically controlled air cooled condenser with backlit displays dramatically reduces testing times

SQ1E - Pure/Clean Steam Quality Test Equipment - designed exclusively for the pharma & biotech industries



**Keith Shuttleworth
&
Associates Limited**



Innovative non-condensable gas test



- Air cooled – no cooling water needed
- Integral burette with push-button zero - easier to start test and control testing
- Condensate flow pause button and temperature display
- Back lighting for burette and measuring cylinder – clear visual indication of condensate level
- Secure folding shelf to provide work station
- Wheeled carry case with handle – ultra portable



Keith Shuttleworth & Associates are the sole providers for the supply of pure/clean steam quality test equipment for physical steam quality testing and have sold thousands of test kits around the world, since commencing business in 1994.

SQ1E Pharma¹ Steam Quality Test Kit – For testing the physical properties of clean/pure steam in accordance with HTM 2010/EN 285:2015. Tests for:

- Dryness value
- Superheat
- Non-condensable gases

Key Features

- Certificate of Compliance with EN 285
- Clean design & tri-clamp[©] connections
- Repeatable, compliant and assured test results
- Easy to use, detailed manual, light and robust
- Used by Validation Professionals world wide
- Expert advice from SME and support for steam quality testing, steam generation and steam distribution with blog, web knowledge base and LinkedIn User Group
- Training services available

Accessories - In addition to the SQ1E Pharma Steam Quality Test Kit, an electronic balance is required with a capacity of 2 kg & discrimination of 0.1g and a means of simultaneously measuring two temperatures from ambient to the steam supply temperature. All of our quotations include these items as optional extras.

Test Elbows – In order to test steam quality, specific sample points on the steam supply line are required. Our steam test elbows are designed just for that. The test elbow is designed with three sample points used for the non-condensable gas test, dryness value and superheat test point and sampling steam temperatures.

¹ We also manufacture steam quality test products for the healthcare industry - with threaded/non-hygienic connections. Please ask for information on SQ1T. Made in the United Kingdom.

SQ1P – EN 285 Pure/Clean Steam Quality Test Kit

Designed exclusively for the
pharma & biotech industries



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SQ1P-Pure/Clean Steam Quality Test Equipment - designed exclusively for the pharma & biotech industries



Keith Shuttleworth
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Associates Limited

KS & A are the only providers of steam quality testing products to test pure/clean steam for dryness value, superheat and non-condensable gases. We provide products and services to all the leading pharma/biotech businesses in over 50 countries

Steam Quality Test Equipment

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SQ1 Pharma¹ Steam Quality Test Kit – For testing the physical properties of clean/pure steam in accordance with HTM 2010/EN 285:2015. Tests for:

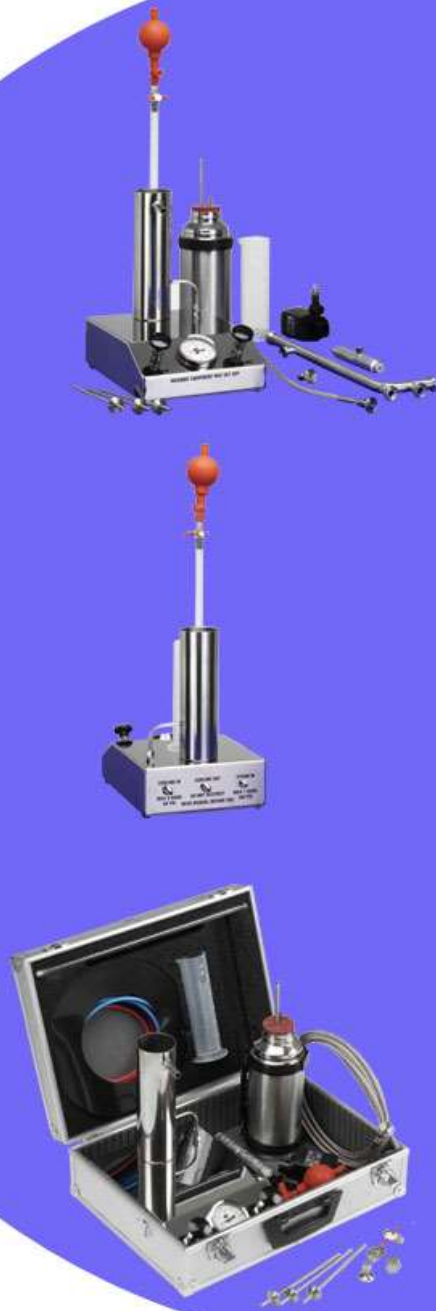
- Dryness value
- Superheat
- Non-condensable gases

Key Features

- Clean design & tri-clamp© connections
- Repeatable, compliant and assured test results
- Certificate of Compliance with EN 285
- Documentation package and draft SOP
- Easy to use, detailed manual, light and robust
- Used by validation professionals world wide
- Expert advice from SME and support for steam quality testing, steam generation and steam distribution with blog, web knowledge base and LinkedIn User Group
- Training services available

Accessories - In addition to the SQ1 Pharma Steam Quality Test Kit, an electronic balance is required with a capacity of 2 kg/discrimination of 0.1g and a means of simultaneously measuring two temperatures from ambient to the steam supply temperature. All of our quotations include these items as optional extras.

Test Elbows – In order to test steam quality, specific sample points on the steam supply line are required. Our steam test elbows are designed just for that. The test elbow is designed with three sample points used for the non-condensable gas test, dryness value and superheat test point and sampling steam temperatures.



SQ1T – EN 285 Steam Quality Test Kit

Steam Quality Test Equipment for
healthcare and industrial
applications



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SQ1T- Steam Quality Test Equipment for the healthcare and other industries



Keith Shuttleworth
& Associates

Many businesses in the healthcare and other industries use threaded steam pipework and fittings. The SQ1T is designed for use on these systems to test dryness value, superheat and non-condensable gases.

Steam Quality Test Equipment

Keith Shuttleworth & Associates are the sole providers for the supply of pure/clean steam quality test equipment for physical steam quality testing and have sold thousands of test kits around the world, since commencing business in 1994.

SQ1 T¹ Steam Quality Test Kit – For testing the physical properties of clean/pure steam in accordance with HTM 2010/EN 285. Tests for:

- Dryness value
- Superheat
- Non-condensable gases

Key Features

- Has ¼" BSP or NPT threaded connections
- Repeatable, compliant and assured test results
- Certificate of Compliance with EN 285
- Documentation package and draft SOP
- Easy to use, detailed manual, light and robust
- Used by validation professionals world wide
- Expert advice from SME and support for steam quality testing, steam generation and steam distribution with blog, web knowledge base and LinkedIn User Group
- Training services available

Test anywhere – A unique feature of the SQT range is the ability to be able to test steam in any location, irrespective of water supply. An optional submersible water pump allows steam quality to be tested for non-condensable gases in any location using a bucket or other water container.

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value and superheat test point and sampling steam temperatures.

¹ We also manufacture steam quality test products for the pharmaceutical industry - with tri-clamp connections. Please ask for information on SQ1P

