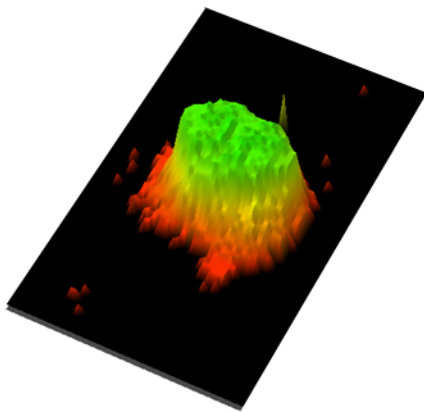




PRESS RELEASE **scanware**

SCANWARE INSPECTION OF MINIMAL POWDER DOSAGES

Bickenbach (Germany), January 22, 2014: After successful inspection of inhaler powders, scanware electronic GmbH offers its LYNX-SPECTRA 3D system with software tailored to dry powders with precise evaluation of doses as small as 20mg.



1: 3D depiction of a powder pallet

The leader of product inspection systems for the pharmaceutical market has solved problems of density. An elaborate algorithm calculates the filled volume within the pockets. Due to tolerances set, this volume is very precise and all deviant pockets are rejected. Possible powder stains on the sealing area are detected by LYNX-SPECTRA HR. This proves an excellent solution for small dosages as these cannot be picked

up by checkweighers.

The 3D system, introduced in 2006, uses laser technology and a corresponding camera to scan topographical information of the blister. The 3D data is interpreted as greyscale topography and shows the product filling plastically and in colour. Unlike pills and other countable units, powder is never fed in a standard position – usually the powder is dosed as a pellet and crumbles upon touching the pocket. The subsequent variety of patterns cannot be analysed by standard software. The algorithm developed by scanware calculates the overall product volume and includes potentially locked air. This process is unique on the market of pharmaceutical inspection systems and shows the pioneering spirit of scanware.

scanware electronic GmbH is a privately owned company operating on an international scale. As an independent manufacturer we develop product and code inspection systems for installation on pharmaceutical packaging equipment. With 25 years of experience, scanware products are tailored



PRESS RELEASE scanware

to individual needs of customers, highly specialized and fully compliant with GAMP requirements.

Almost 2000 installations across the globe establish scanware as a renowned supplier of supreme quality equipment to all major manufacturers.

###

For further information and materials, please contact:

scanware electronic GmbH

Sandra Klein

Darmstädter Str. 9-11

64404 Bickenbach, Germany

0049 6257 9352 - 706

sandra.klein@scanware.de