



VACGEN

Assembly Guide

Replacing 25mm Micrometer AS0012

VGS03-02T12



Copyright Notice 2002 by VACGEN. All rights reserved. Information contained in this handbook is subject to change without notice and does not represent a commitment on the part of VACGEN. No part of this document may be copied or distributed, transmitted, transcribed, stored in a retrieval system or translated into any human or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, manual or otherwise or disclosed to third parties without the express written permission of VACGEN LTD, Unit A, Swallow Business Park, Diamond Drive, Lower Dicker, Hailsham, East Sussex, BN27 4EL, UK.

Helping you make the next leap forward

www.vacgen.com



DISCLAIMER

This Assembly Guide should be used in conjunction with the owner's manual where available, and is intended as a guide only as there may be variations between versions and therefore must be used at the Owner's Risk. For more detailed assistance, please contact our Support desk +44 (0) 1323 379 335 or support@vacgen.com.

HEALTH AND SAFETY

All repairs and services should be carried out by a qualified engineer, using the correct tools and procedures to carry out the repair. VACGEN are not liable for any errors within the assembly guides which may cause inconsistencies during repair.

The Goods, especially chemicals, may be dangerous if not properly used or stored and the appropriate precautions taken. The Customer accordingly agrees that it shall take all such steps as are reasonably practicable or usual to eliminate or reduce any risk to health and/or safety to which use of the Goods may give rise and acknowledges that where the Goods are manufactured to a design supplied by the Customer, the Company will not undertake any research as to the risks to health and/or safety which may arise from use or storage of the Goods. Where the Goods are manufactured to a design supplied by the Customer, the Customer shall comply with all the duties which may be implied at law on a designer and/or manufacturer of the Goods.

Revision	Date	Comment	Initials
1			
2			
3			

Unit A, Swallow Business Park
Diamond Drive, Lower Dicker
Hailsham, East Sussex
BN27 4EL, UK



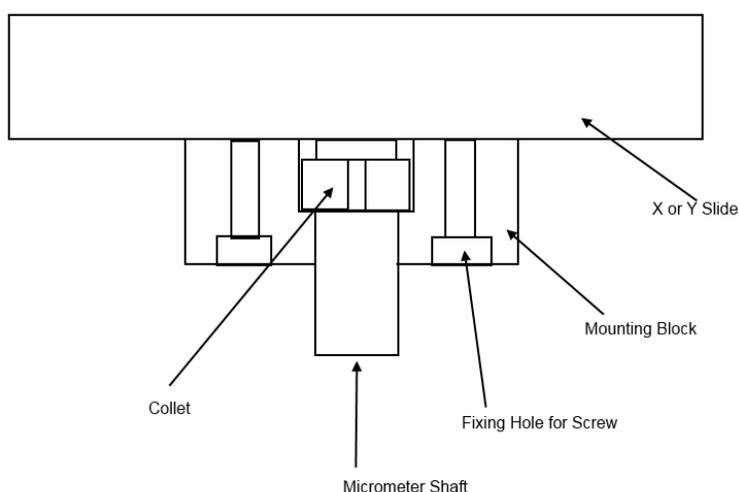
Replacing 25mm Micrometers

NOTE: The following procedure is with the transit pin fitted

1. Undo the grub screw (19) in the X or Y slide that is holding the micrometer body
2. Remove the two screws (16) holding the “Top Hat” assembly to the X or Y slide
3. Pull the micrometer out of the X or Y slide mount

Refitting

4. Turn the inner barrel so the scale is visible and with the indicator scale in its mid travel position, pass the top hat & shaft of the micrometer through the X or Y slide mounting hole (Item 2)
5. Fit the two screws with washers (Item 16 & 17) to the bearing “Top Hat” assembly (Item 14).
6. Tighten the grub screw (Item 19) just enough to stop the micrometer turning, but still allowing back and forth movement.
7. Check position and tighten
8. Try the full micrometer travel, if it becomes tight when the slide is closest to the micrometer, loosen the top hat screws, so it realigns the position of the top cap to the shafts centre line.





DRAWINGS

