



EQUIPMENT

Operation Manual



Loctite® HM20 PUR Needle Preheater

Part Number 2033849



Table of Contents

1	Please Observe The Following	3
1.1	Emphasized Sections	3
1.2	For Your Safety	3
1.3	Unpacking and Inspection	4
1.4	Items supplied	4
1.5	Usage	4
2	Description	5
2.1	Theory of Operation.....	5
2.2	Dimensions	5
3	Technical Data.....	6
4	Installation	6
5	Operation the Unit	6
5.1	Electrical Connections.....	6
5.2	Mounting on Loctite® Robot	7
	Robot Mounting, Socket Head Cap Screws M5 x 20	7
6	Care and Maintenance	8
6.1	Care	8
6.2	Maintenance.....	8
7	Warranty	9

1 Please Observe The Following

1.1 Emphasized Sections

Warning!

Refers to safety regulations and requires safety measures that protect the operator or other persons from injury or danger to life.

Caution!


Emphasizes what must be done or avoided so that the unit or other property is not damaged.


Notice:


Gives recommendations for better handling of the unit during operation or adjustment as well as for service activities.


1.2 For Your Safety

For safe and successful operation of the unit, read these instructions completely. If the instructions are not observed, the manufacturer can assume no responsibility. Be sure to retain this manual for future reference.


 Always wear temperature resistance gloves before touch the housing of dispensing head or pre heater.


 Never remove the cover of the unit without first switching the power off and unplugging the power cord.


 Do not expose the connecting cable to heat, oil, or sharp edges.


 Make sure the Unit stands stable and secure.

 Use only original equipment replacement parts.

 Damage to the power cord or the housing can result in contact with live electrical parts. Check the power cord and housing before each use. If the power cord or unit is damaged, do not operate.

 Always disconnect the power supply before servicing the unit.

 Observe general safety regulations for the handling of chemicals such as Loctite® adhesives and sealants. Observe the manufacturer's instructions as stated in the Material Safety Data Sheet (MSDS).

 *While under warranty, the unit may be repaired only by an authorized Loctite® service representative.*

1.3 Unpacking and Inspection

Carefully unpack the Loctite® HM20 PUR Needle Preheater and examine the items contained in the carton. Inspect the unit for any damage that might have occurred in transit. If such damage has occurred, notify the carrier immediately. Claims for damage must be made by the consignee to the carrier and should be reported to the manufacturer.

1.4 Items supplied

1x HM20 PUR Needle Preheater
1x Power Cord
1x Manual
1x PUR Dispensing Head Cable

Additional Items Required (Need to Purchase Separately)
SD15 Heat Controller, Part Number 1667508

1.5 Usage

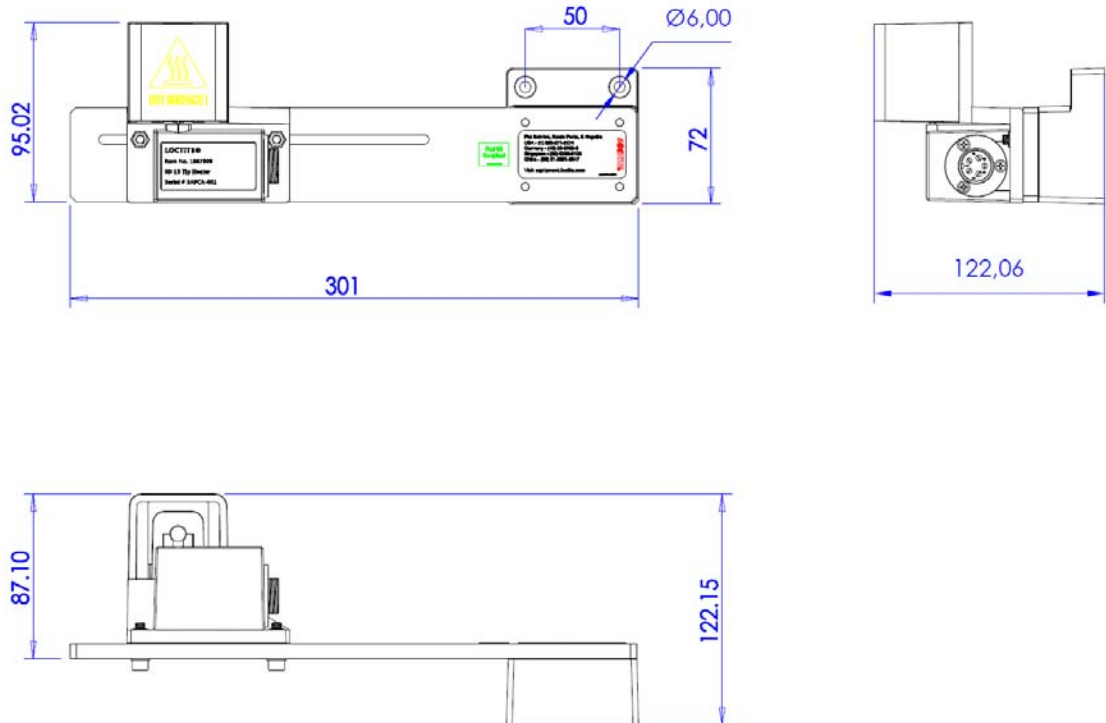
This Loctite® HM20 PUR Needle Preheater is designed for use with the Loctite® SD15 Heat Controller. The system is designed for use with Loctite® HM20 PUR Needle Preheater at manual or semi-automation workstations, such as in workshops, laboratories, industrial installations and production lines.

2 Description

2.1 Theory of Operation

When the unit is switched on, electrical power is supplied to the temperature controller. The system will reach the pre-set temperature (time varies with different pre-set temperatures typically within 15 minutes).

2.2 Dimensions



3 Technical Data

Dimensions (L x H x W):	301 x 95 x 122 mm
Total weight:	1.3Kg
Operating voltage:	220 VAC 50/60Hz (from Heat Controller)
Power consumption:	110W
Operating temperature:	Max. 180°C

4 Installation

! Before using the tool for the first time check it carefully for signs of external damage. If any shipping damage is found DO NOT USE THE TOOL - return it to your supplier immediately.

These steps should be followed before connecting to the main power supply:

- Mount the unit
- Use only the cable and hose sets supplied.
- Connect the HM20 PUR Needle Preheater to the “Heater Connector” of SD15 Heat Controller.

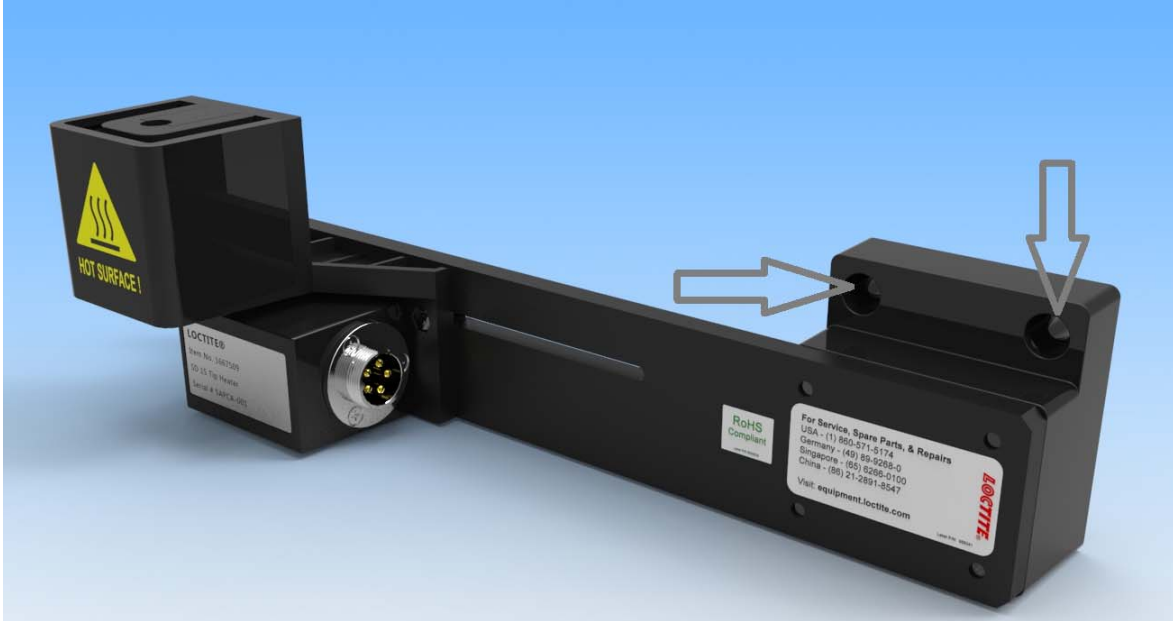
5 Operation the Unit

5.1 Electrical Connections

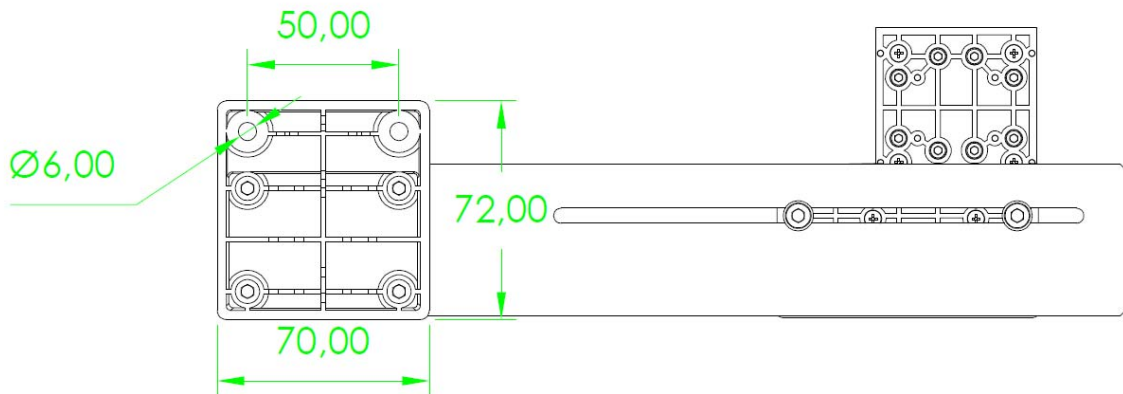
Connector the Tip Heater 5 pin connector to the “Heater Connector” located on the rear panel of the SD15 Heat Controller 1667508 with the cable supplied. Make sure that the connections are secure.

5.2 Mounting on Loctite® Robot

Robot Mounting, Socket Head Cap Screws M5 x 20



Mounting Block Centers



6 Care and Maintenance

6.1 Care

This unit should be stored in a level, dry location at ambient condition out of direct sunlight.

6.2 Maintenance

The unit requires no special maintenance.

7 Warranty

For Loctite® EQ HM20 PUR Needle Preheater

Henkel expressly warrants that all products referred to in this Instruction Manual for Loctite® EQ HM20 PUR Needle Preheater (hereafter called “Products”) shall be free from defects in materials and workmanship. Liability for Henkel shall be limited, at its option, to replacing those Products which are shown to be defective either in materials or workmanship or to credit to the purchaser the amount of the purchase price thereof (plus freight and insurance charges paid therefore by the user). The purchaser’s sole and exclusive remedy for breach of warranty shall be such replacement or credit.

A claim of defect in materials or workmanship in any Products shall be allowed only when it is submitted to Henkel in writing within one month after discovery of the defect or after the time the defect should reasonably have been discovered and in any event, within twelve months after the delivery of the Products to the purchaser. No such claim shall be allowed in respect of Products which have been neglected or improperly stored, transported, handled, installed, connected, operated, used or maintained or in the event of unauthorized modification of the Products including, where products, parts or attachments for use in connection with the Products are available from Henkel, the use of products, parts or attachments which are not manufactured by Henkel.

No Products shall be returned to Henkel for any reason without prior written approval from Henkel. Products shall be returned freight prepaid, in accordance with instructions from Henkel.

NO WARRANTY IS EXTENDED TO ANY EQUIPMENT WHICH HAS BEEN ALTERED, MISUSED, NEGLECTED, OR DAMAGED BY ACCIDENT.

EXCEPT FOR THE EXPRESS WARRANTY CONTAINED IN THIS SECTION, HENKEL MAKES NO WARRANTY OF ANY KIND WHATSOEVER, EXPRESS OR IMPLIED, WITH RESPECT TO THE PRODUCTS.

ALL WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND OTHER WARRANTIES OF WHATEVER KIND (INCLUDING AGAINST PATENT OR TRADEMARK INFRINGEMENT) ARE HEREBY DISCLAIMED BY HENKEL AND WAIVED BY THE PURCHASER.

THIS SECTION SETS FORTH EXCLUSIVELY ALL OF LIABILITY FOR HENKEL TO THE PURCHASER IN CONTRACT, IN TORT OR OTHERWISE IN THE EVENT OF DEFECTIVE PRODUCTS.

WITHOUT LIMITATION OF THE FOREGOING, TO THE FULLEST EXTENT POSSIBLE UNDER APPLICABLE LAWS, HENKEL EXPRESSLY DISCLAIMS ANY LIABILITY WHATSOEVER FOR ANY DAMAGES INCURRED DIRECTLY OR INDIRECTLY IN CONNECTION WITH THE SALE OR USE OF, OR OTHERWISE IN CONNECTION WITH, THE PRODUCTS, INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS AND SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER CAUSED BY NEGLIGENCE FROM HENKEL OR OTHERWISE.

Henkel Corporation
One Henkel Way
Rocky Hill, CT 06067-3910
USA

Henkel Canada Corporation
2225 Meadowpine Boulevard
Mississauga, Ontario L5N 7P2
CANADA

Henkel Corporation
Automotive/ Metals H.Q.
32100 Stephenson Hwy,
Madison Heights 48071
USA

Henkel Capital, S.A. de C.V.
Calzada de la Viga s/n Fracc.
Los Laureles
Loc. Tulpetlac, C.P. 55090
Ecatepec de Morelos, MEXICO

Henkel Singapore Pte Ltd
401, Commonwealth Drive
#03-01/02 Haw Par Technocentre
SINGAPORE 149598

Henkel (China) Company Ltd.
No. 928 Zhang Heng Road,
Zhangjiang, Hi-Tech Park, Pudong,
Shanghai, China 201203

Henkel Loctite Korea
8F, Mapo Tower, 418,
Mapo-dong, Mapo-gu,
Seoul, 121-734, KOREA

Henkel Japan Ltd.
27-7 Shin Isogo-cho, Isogo-ku
Yokohama, 235-0017
JAPAN

www.equipment.loctite.com

Loctite is a trademark of Henkel Corporation, U.S.A. © Copyright 2006. Henkel Corporation
Teflon is a registered trademark of E.I. DuPont de Nemours Co., Inc.
All rights reserved. Data in this operation manual is subject to change without notice.
Manual P/N: 8906049, Date: 11/19/15

