

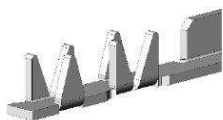
NICOMATIC France is certified ISO 9001 :2000

# 10068-MO MANUAL PRESS

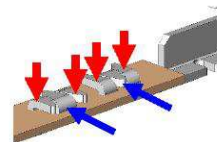
## New 1,27mm !

**NEW 2009**

NICOMATIC is now enriching the **CRIMPFLEX®** connector range to provide even **more space and cost-savings solutions** thanks to the **1,27 mm pitch**. Our specifically designed **Crimping Press** allows you to crimp up to 50 contacts in a single operation in order to **increase your productivity and eliminate any risk of pitch drift** during the crimping process.

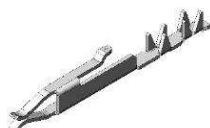


The contact crimping is achieved by piercing the conductor in 6 points, in order to ensure both outstanding **mechanical retention** by 2 points and **electrical continuity** by 4 points.  
CRIMPFLEX® system patented by NICOMATIC



**FEMALE CONTACT P/N 16068**

**MALE SOLDER TAB P/N 16069**



16068-12 tin plated  
16068-32 selective gold



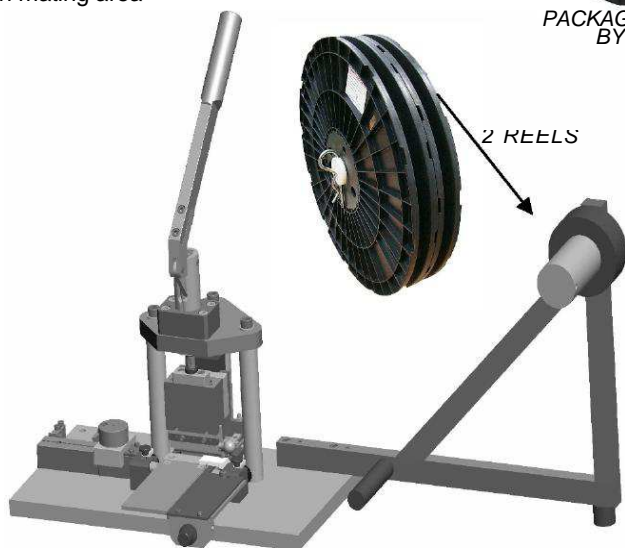
PACKAGED IN REEL  
BY 33 000



16069-12 tin plated

- for 0,38mm (.0015") to 0,45mm (.0018") pin header
- Ni 2µ + Sn 5µ and optional selective Au plating 0,15µ on mating area

- recommended for flexible supports requiring male solder tabs
- Ni 2µ + Sn 5µ



### ADVANTAGES

- First press to crimp from 2 reels at a time in a 1.27mm pitch and **high productivity rate** (up to 6 cycles per minute)!
- Answers **market miniaturization trends** (higher contacts density)
- Compatible connection with **1,27mm headers**
- Contact mechanical retention **outperforms ZIF** type connectors

### GENERAL DATA

The contacts are moved forward from stop to stop by hand via the side loader. The graduated positions correspond to the number of contacts to crimp (2 to 50 points)  
The crimping is operated manually via the upper lever. Two reels are fixed onto the reel support.

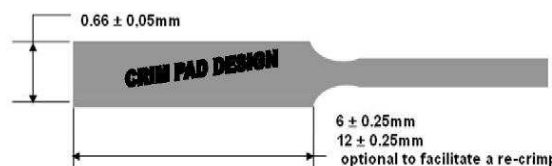
### TOOLING

This machine is available in 1 version and provides the possibility to crimp male solder tabs, or female contacts. The tooling change is operated in 5 minutes.

### MACHINE

**16068-MO** (with the male and female tooling) For contacts: 16068 and 16069

### FPC (Flex Printed Circuit)





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### How to crimp in only 5 steps?

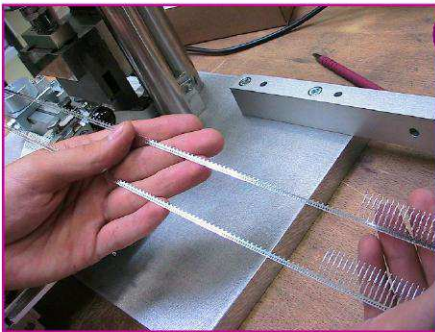
1

1. Install 2 reels on the support, and select the number of contacts to be crimped



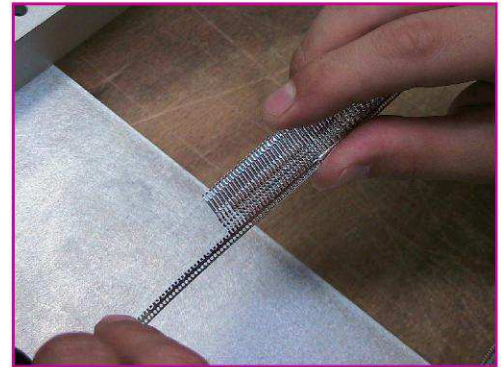
2

2. Unroll the cable, retrieve the paper protection and cut more or less 25cm of contacts on the two reels



3

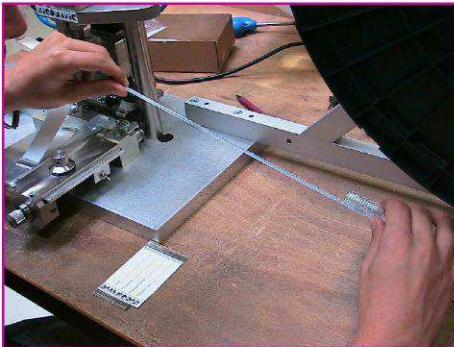
3. Position the 2 strips of contacts on top of each other (1<sup>st</sup> reel in front of you on top of the rear one)



4

4. Place the 2 parallel strips onto the pins and stop the reel of contacts with the bolt action, on the left side and right side

**Eg. On right side**



5

5. Test crimping with the positioning system

- Place the cable to the right side until stop
- Use the needle and LED light
- Lock the contacts by using the lever
- Crimp

