



DIGITAL INDICATE

PROTEC
ENGINEERING

钢版用张力计

MODEL MTG-08A

专利第5296519号

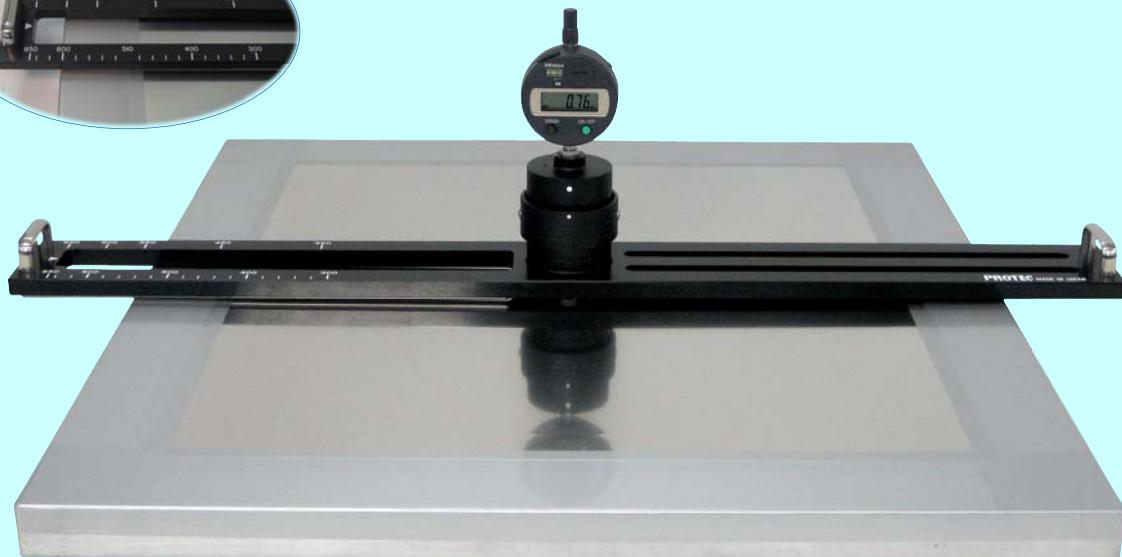
您是否一直对钢版张力的测定感到疑问？这里可以解决您的疑问！

那就是钢版专用张力计

在丝网版张力计中几乎占市场的100%的PROTEC，自信推出了钢版专用张力计。



《测定数据可以导出到电脑里。》



*请按照钢版规格选择500、700、1000的三个型号。（除左记型号以外也可以按照客户要求特别制作）

到目前为止钢版张力的测定，一般都在使用敝司产品丝网版用张力计STG-75或STG-80。但是使用STG系列，测定时张力计的支点部分也会位置在钢版内，与网布不同的钢版硬度的影响也很大，无法得到正确的测定值。这次发表MTG-08A，支点位置在钢版外侧（网框），可以得到理想的整个钢版张力。与STG系列一样是手持式使用方便，而且标准装备了可以确认位置的刻度。借此机会务必请试一试为钢版专门设计的MTG-08A。

■ 主な仕様

项目	型号	MTG-08A-500	MTG-08A-700	MTG-08A-1000
用途			所有钢板	
测定值显示			数据显示	
测定范围		0.00mm～2.50mm		
数据输出			数据输出接头	
测定的方向性			有方向性	
对应钢板规格(外形)	320～480mm	320～680mm	320～980mm	
测定负荷			约500g	
滑动测定子形状			玄月型	
电源			氧化銀电池	
重量(g)	约2100	约2300	约2600	
选配件		打印机(DP-1VA)、连接缆		



< 打印机 OPTION >

※为产品改良，恕不通知规格及外观的部分变更。

制造厂

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咨询

METAL MASK TENSION GAUGE

Introduction of MTG-08A

【1.Preface】

In a screen mask tension gauge "STG-75", "STG-80", the tension of a metal mask was not able to be measured with sufficient accuracy. Therefore, in the substrate mounting industry, it was years of subject to manage the tension of a metal mask appropriately.

In order to solve this, we developed the metal mask tension gauge "MTG-08A" lately.

【2.Principle of MTG-08A】

The STG series for screen masks(STG-75, STG-80)has been used also for tension measurement of the conventional metal mask.

However, since the fulcrum portion at the time of measurement was located in a metal in the case of STG series(Fig.1), the influence of gauge weight and the influence of metal hardness were great, and an exact tension value was not acquired.

At MTG-08A only for a metal mask, tension measurement with the ideal whole mask was attained by putting a fulcrum on the mask outside(frame portion).(Fig.2)

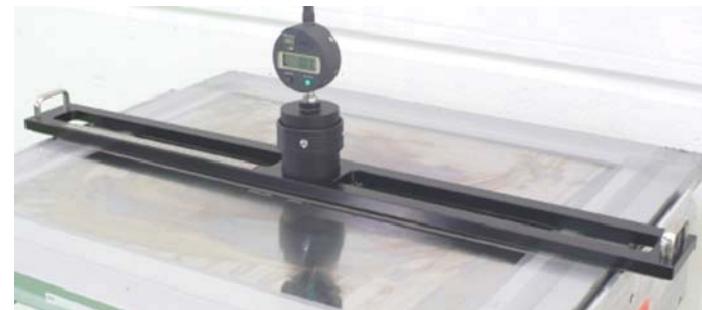


Fig.1

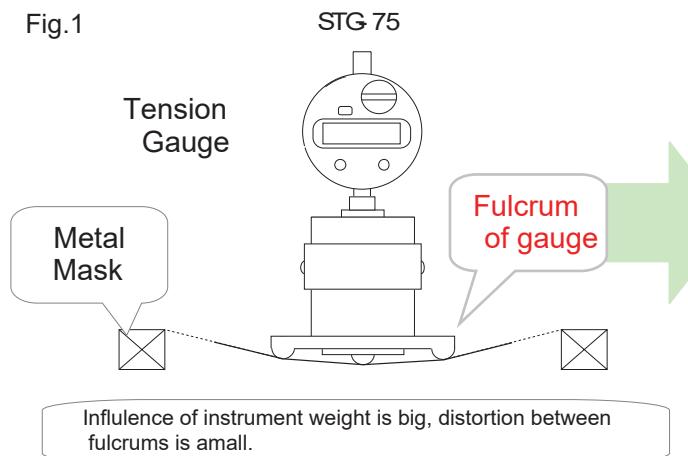
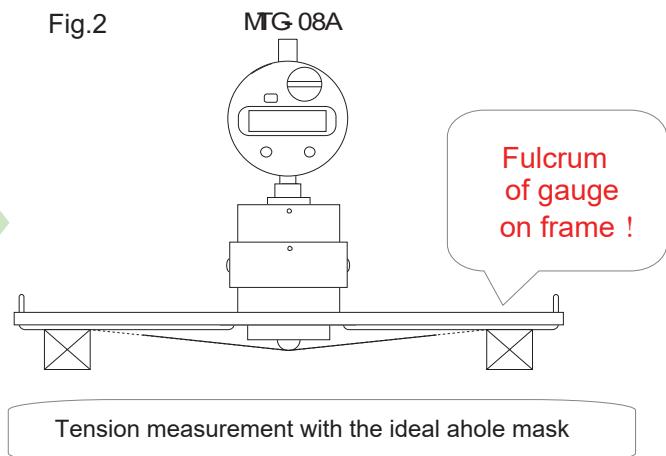


Fig.2

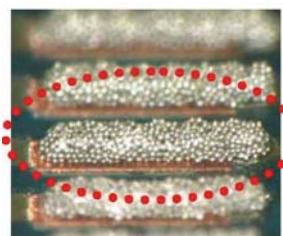


【3.Infulence of Tension】

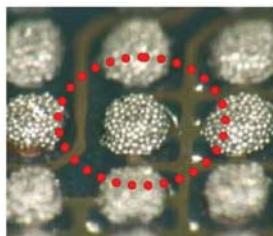
A metal mask tension shows how much printing nature is infulenced.

MTG Tension 0.85mm

0.4P Opening 0.18mm



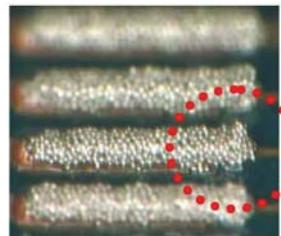
0.5P Opening 0.3□
(Corner R)



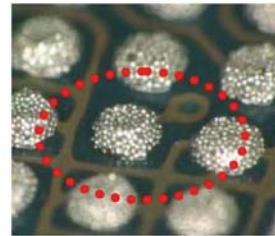
It is intimately transferred
by opening form.

MTG Tension 1.15mm

0.4P Opening 0.18mm



0.5P Opening 0.3□
(Corner R)



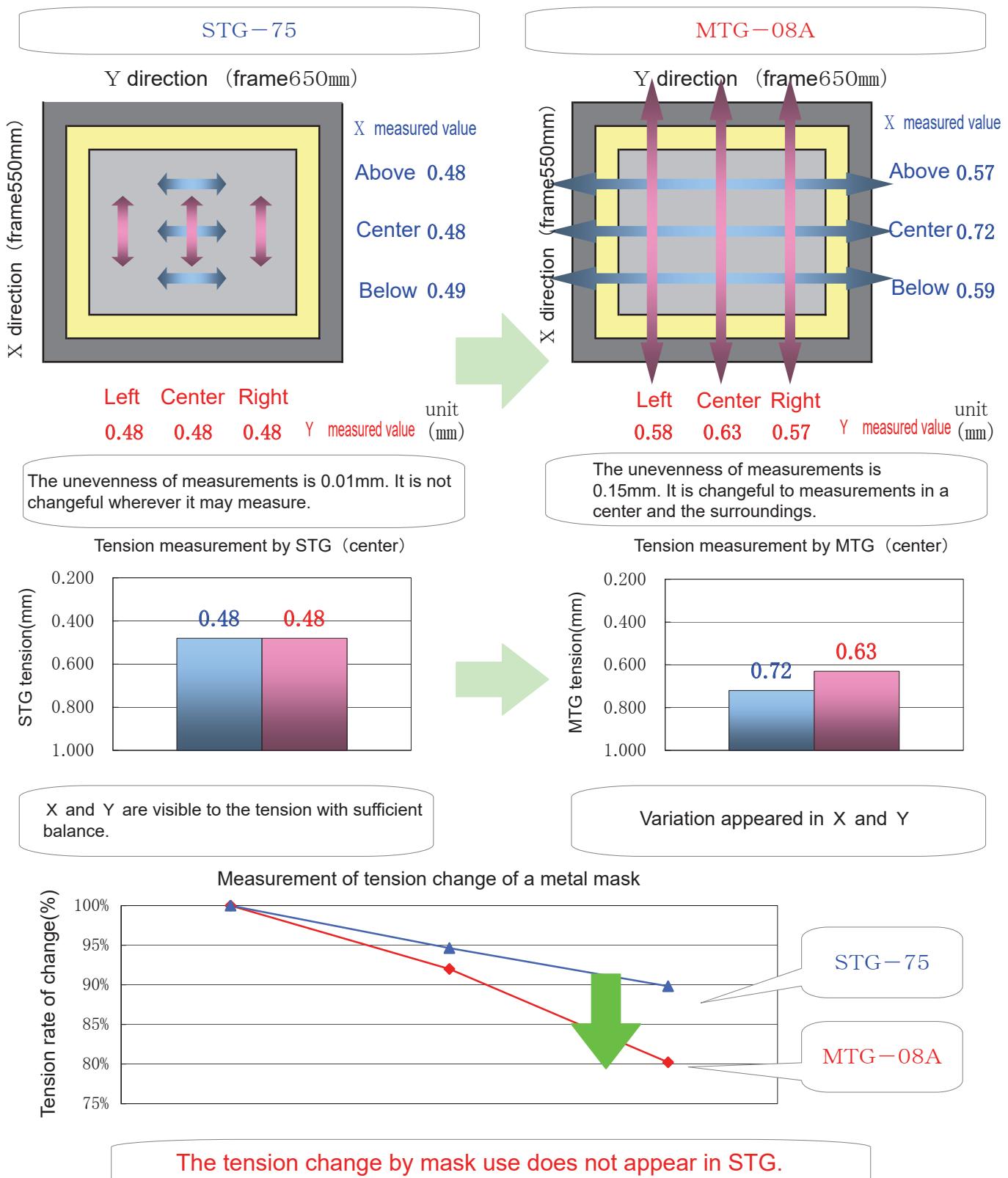
The part it created bitter feelings or
became depressed is seen, and printing
nature is getting worse clearly.

METAL MASK TENSION GAUGE

Introduction of MTG-08A

【4. Comparison of MTG and STG】

The same metal mask was measured by STG-75 and MTG-08A. It is comparison of the result.



As mentioned above, by utilizing the metal mask tension gauge, it precedes with the industry and can manage masks original with you.

We think that this metal mask tension management leads to the improvement in the printing yield and the printing quality.