

Super compact handy cylinders

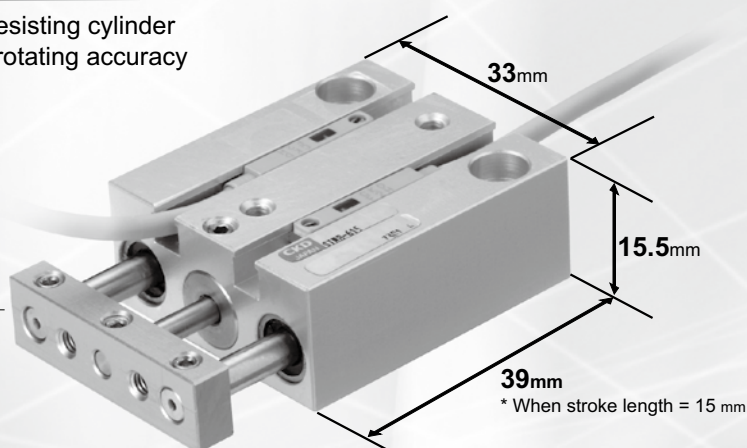
Super compact guided cylinder STM Series ($\phi 6/\phi 10$) with a high level of mounting flexibility and rich variations, promoting ease of use and selection.

Clean-room specifications with ball bearing is available.

High-performance guide

Rigid and lateral load resisting cylinder with excellent rod non-rotating accuracy of $\pm 0.08^\circ$.

* Ball bearing (STM-B)



Super compact size

The smallest model is 33 mm wide and 15.5 mm high. Super compact space saving in guided cylinders.

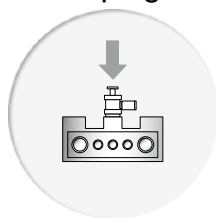
Guided cylinder

STM Series

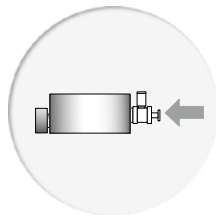


suitable for various uses.

● Piping direction



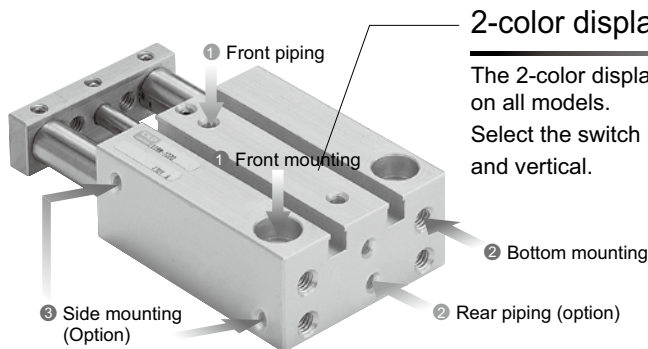
1 Front piping



2 Rear piping (option)

■ Supports rear piping and side mounting

In addition to the front side, common piping on the rear side is possible. (Option)
Side mounting of cylinder is supported. Multiple units can be installed even in small spaces. (Option)

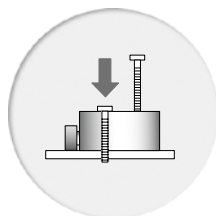


■ 2-color display switch can be mounted.

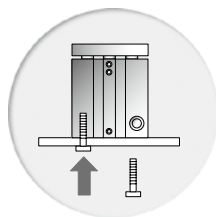
The 2-color display proximity switch can be mounted on all models.
Select the switch lead wire direction from horizontal and vertical.

* The picture shows all options for explanation purposes.
Side and bottom mounting options are not available at the same time.
The same applies to piping options.

● Mounting direction



1 Front mounting



2 Bottom mounting

■ Two bearing options

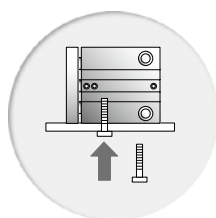
Select metal bush bearing or ball bearing according to the application.

■ Suitable for clean rooms

Clean-room specifications (STM-B...P7) suitable for clean rooms are available.

■ Suitable for small parts conveyor

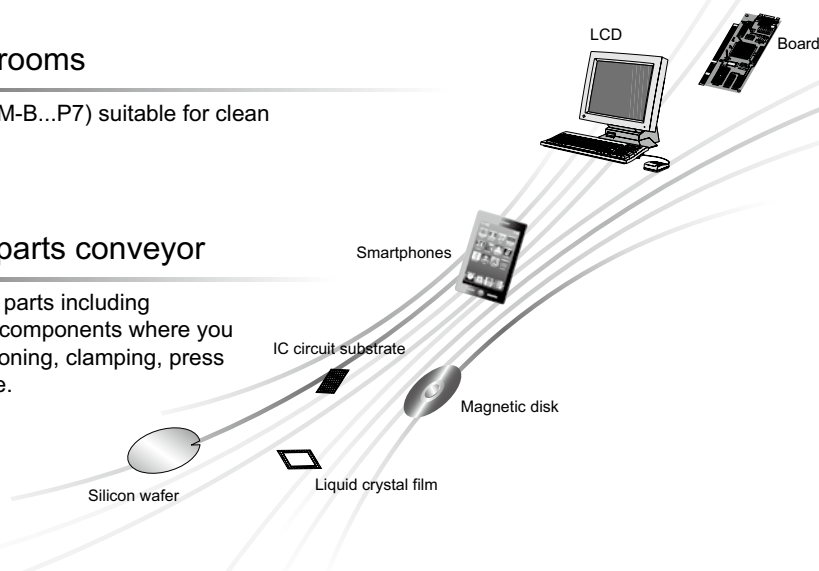
Suitable for conveyor for small parts including semiconductors and precision components where you can use the cylinders for positioning, clamping, press fitting, lifting, pushing and more.



3 Side mounting (option)

■ Applications

Suitable for various manufacturing processes.



LCM
LCR
LCG
LCW
LCX
STM
STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/JSC4
USSD
UFCD
USC
UB
JSB3
LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
MCP
GLC
MFC
BBS
RRC
GRC
RV3*
NHS
HRL
LN
Hand
Chuk
MechHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending

■ STM Series variation

Model variations		Bore size	Stroke length (mm)				Option		Related products
			5	10	15	20	Side mounting	Rear piping	
Metal bush bearing STM-M Series		ø6	●	●	●	●	●	●	● Detection switch (F type switch) 2-color display cylinder switch series
		ø10	●	●	●	●	●	●	
Ball bearing STM-B Series		ø6	●	●	●	●	●	●	● Piping tube Fiber tube
		ø10	●	●	●	●	●	●	
Clean-room specifications STM-B-P7* Series		ø6	●	●	●	●	●	●	● Dedicated fitting
		ø10	●	●	●	●	●	●	

* Ball bearing only