



# 欧洲微型成型机 在LSR注塑之最新应用

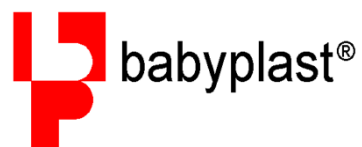
演讲者：李天然  
总经理  
迪嘉国际（香港）有限公司



## 关于迪嘉

成立于**2005**年，我们提供世界先进的微型注塑、多色多物料注塑及**3D**打印解决方案。

微型注塑领域战略合作伙伴：





## Babyplast微型注塑系统

微型注塑机



全自动注塑单元



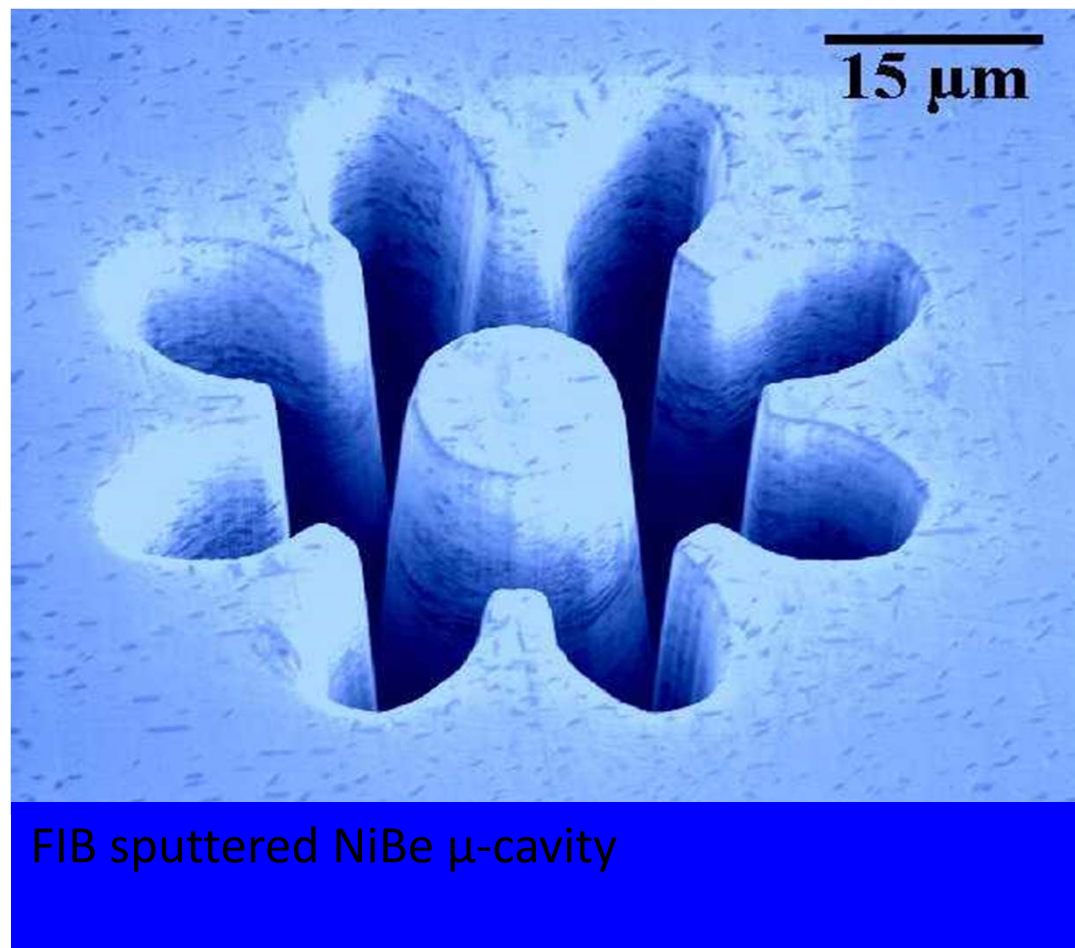
微型立式机



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材料  
模具  
注塑机  
自动化

。 。 。





## Babyplast 微量射出解决方案

Technische Daten	Babyplast					传统螺杆式				
Kolbendurchmesser [mm]:	10	12	14	16	18	16	18	20	22	24
max. Dosierhub [mm]:	60					80				
max. Volumen [cm <sup>3</sup> ]:	4,7	6,8	9,2	12,1	15,3	16,1	20,4	25,1	30,4	36,2
Einspritzdruck [bar]:	2.030	1.850	1.340	1.030	815	1.535	1.250	980	830	680

X mm Dosierhub entsprechen Y cm <sup>3</sup> Kunststoffschmelze										
Kolbendurchmesser [mm]:	10	12	14	16	18	16	18	20	22	24
Dosierhub [mm]:	Volumen Kunststoffschmelze [cm <sup>3</sup> ]									
1	0,079	0,113	0,154	0,201	0,254	0,201	0,254	0,314	0,380	0,452
5	0,393	0,565	0,770	1,005	1,272	1,005	1,272	1,571	1,901	2,262
10	0,785	1,131	1,539	2,011	2,545	2,011	2,545	3,142	3,801	4,524
20	1,571	2,262	3,079	4,021	5,089	4,021	5,089	6,283	7,603	9,048
30	2,356	3,393	4,618	6,032	7,634	6,032	7,634	9,425	11,404	13,572
40	3,142	4,524	6,158	8,042	10,179	8,042	10,179	12,566	15,205	18,096
50	3,927	5,655	7,697	10,053	12,723	10,053	12,723	15,708	19,007	22,619
60	4,712	6,786	9,236	12,064	15,268	12,064	15,268	18,850	22,808	27,143
70						14,074	17,813	21,991	26,609	31,667
80						16,085	20,358	25,133	30,411	36,191

**Babyplast:** 注射量为0.565cc ,

**传统螺杆式:** 注射量达1.272cc

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## Babyplast LSR 500 微量射出



### 0,5 Kg CARTRIDGE PREMIX

- 0.5 Kg cartridge system with pre-mixed material
- It does not require a loader mixer to be installed on the machine
- A unique Babyplast solution that allows those, who already own a loader mixer with which to fill the small cartridges, to produce small batches or samples at low costs



## Babyplast LSR 1000 微量射出

1Kg CONFIGURATION



RB016LC

COLOURING DOSING UNIT  
for 1Kg configuration



RB015LD

PNEUMATIC LOADER MIXER  
LSR for 1Kg configuration

# MultiPlus Babyplast LSR 微量射出解决方案



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## Babyplast LSR 2000 微量射出

### 20Kg CONFIGURATION



RB017LC

COLOURING DOSING UNIT  
for 20Kg configuration



RB016LD

PNEUMATIC LOADER MIXER LSR  
for 20Kg configuration



RB016UD

PNEUMATIC SYSTEM  
FOR LOADING LSR materials f  
or 20Kg configuration



## Babyplast 微型注塑车间



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## Babyplast LSR微量射出应用（单色）



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MultiPlus

# Babyplast LSR微量射出应用（双物料）

babyplast 全自动注塑单元

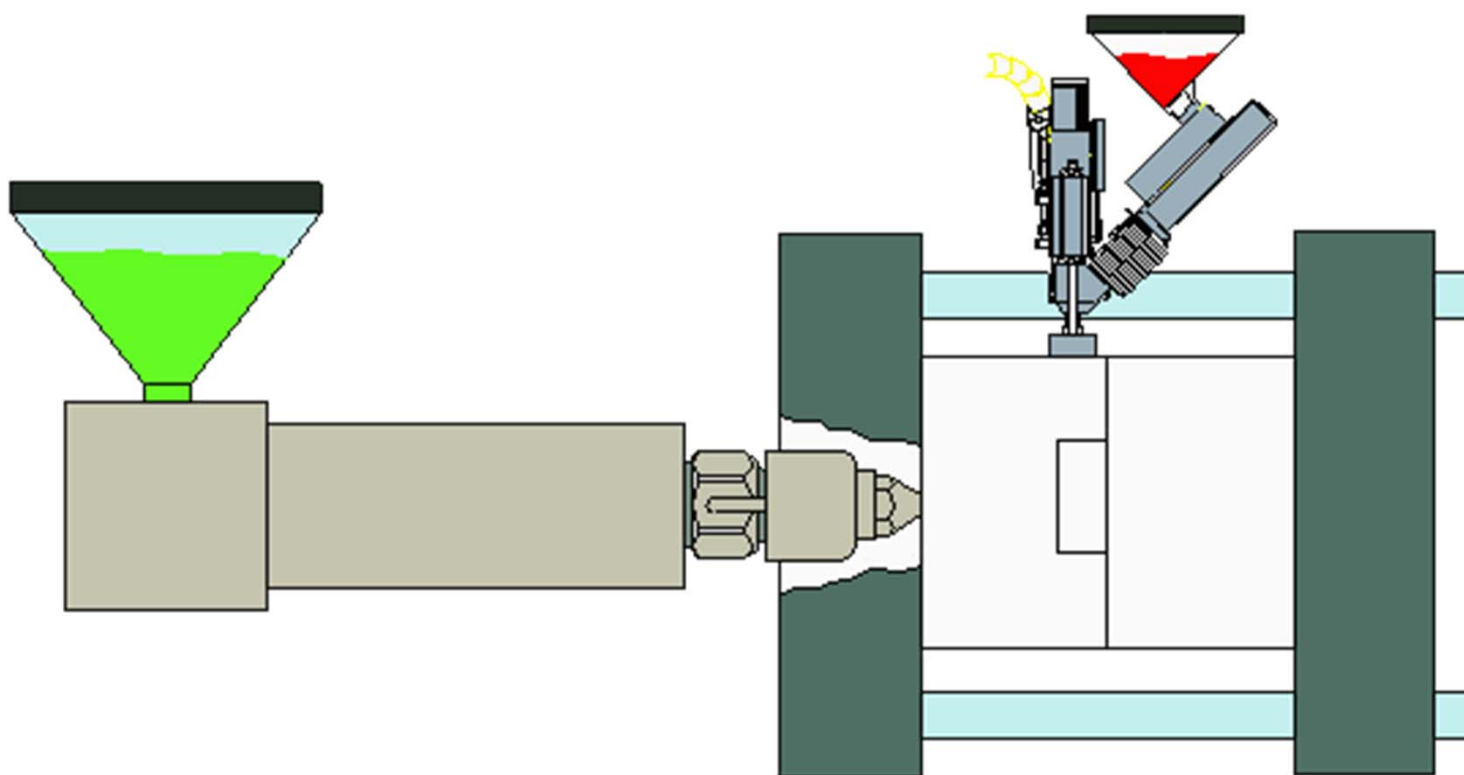


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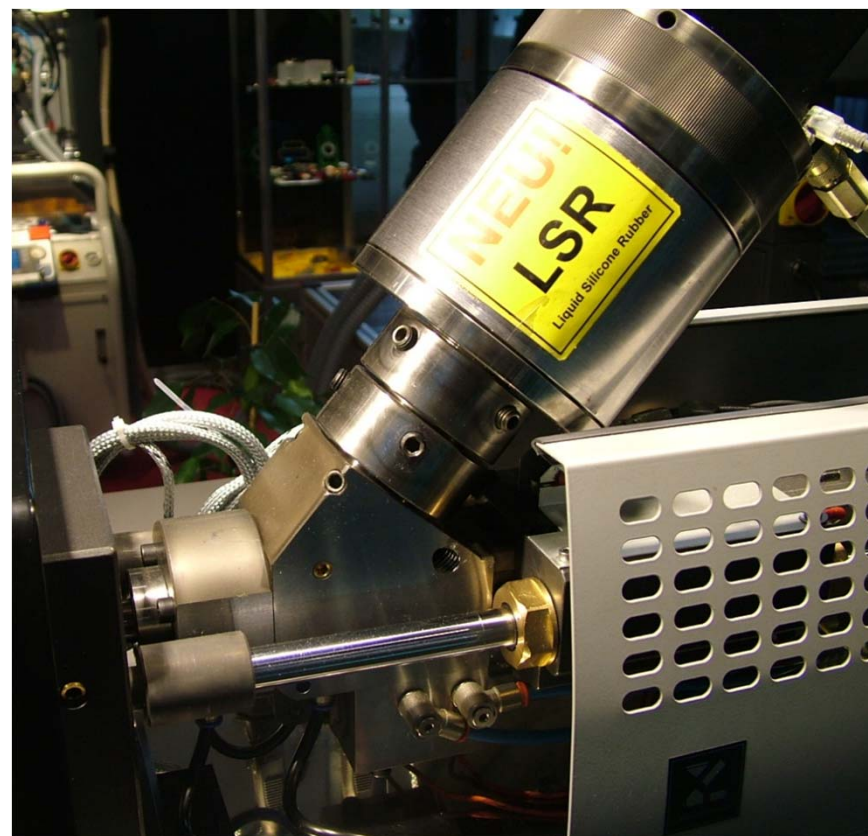
# MultiPlus Babyplast LSR微量射出应用（双物料）

babyplast 全自动注塑单元



# MultiPlus Babyplast LSR微量射出应用（双物料）

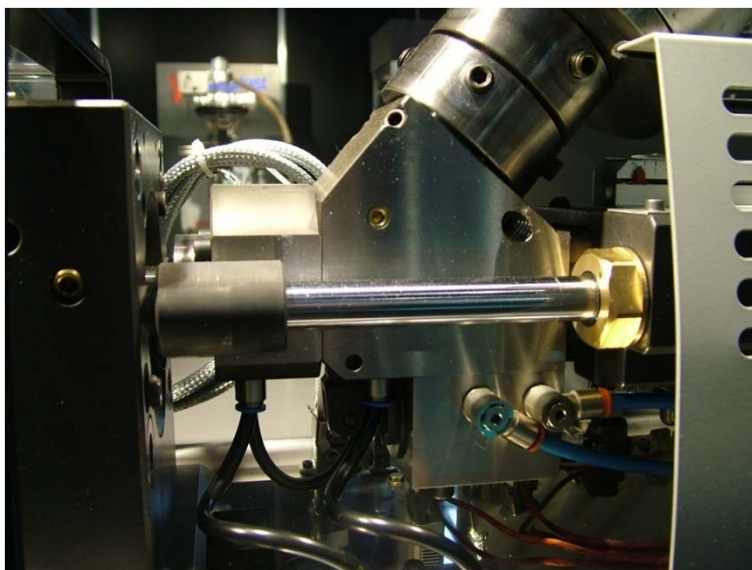
babyplast 全自动注塑单元





## Babyplast LSR微量射出应用（双色）

babyplast 全自动注塑单元



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**UAI LSR**

**Car industry –  
radiator cover PA  
GF and seal in  
LSR (babyplast)**

Babyplast



**babyplast®**

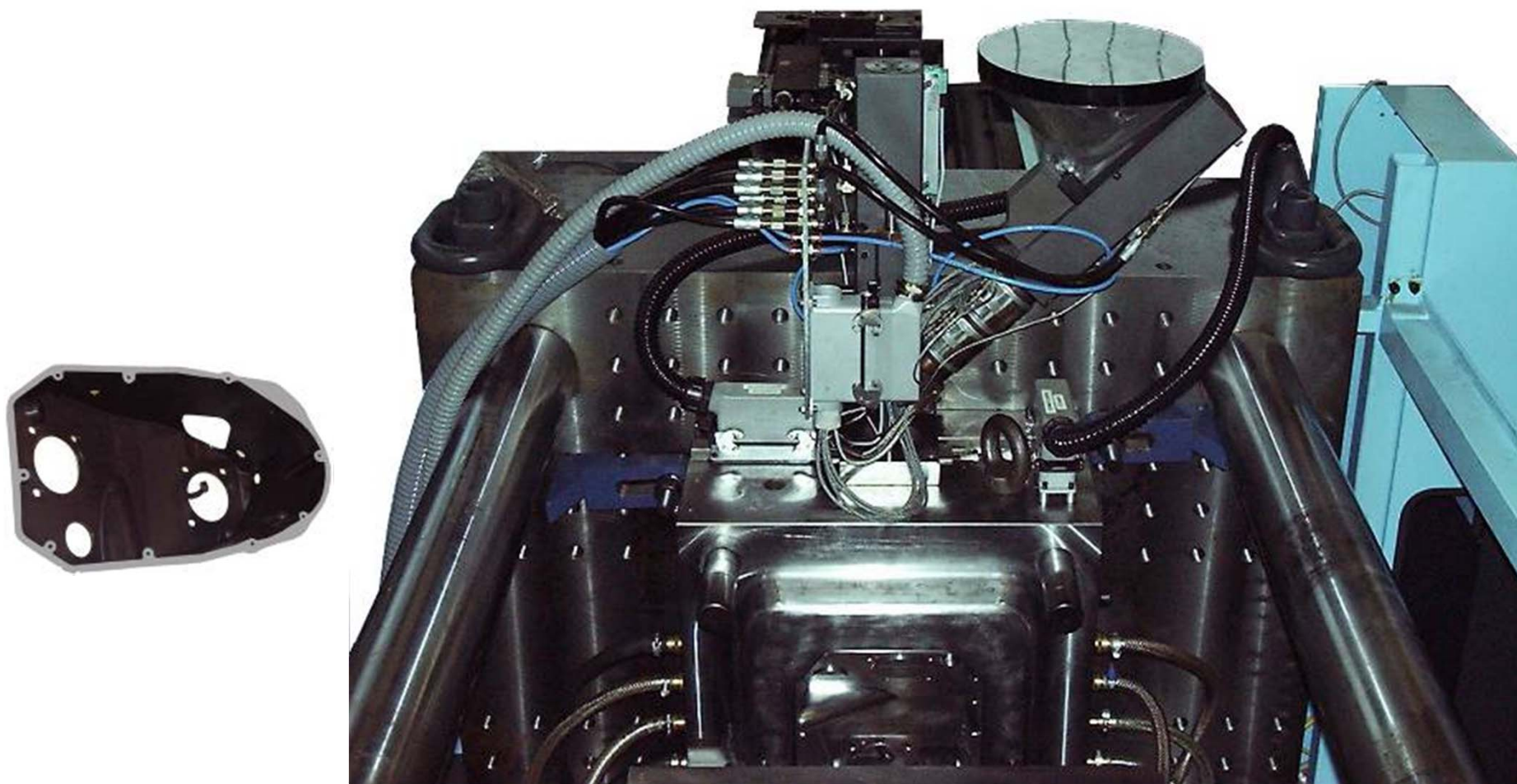
Babyplast LSR微量射出应用（双物料）



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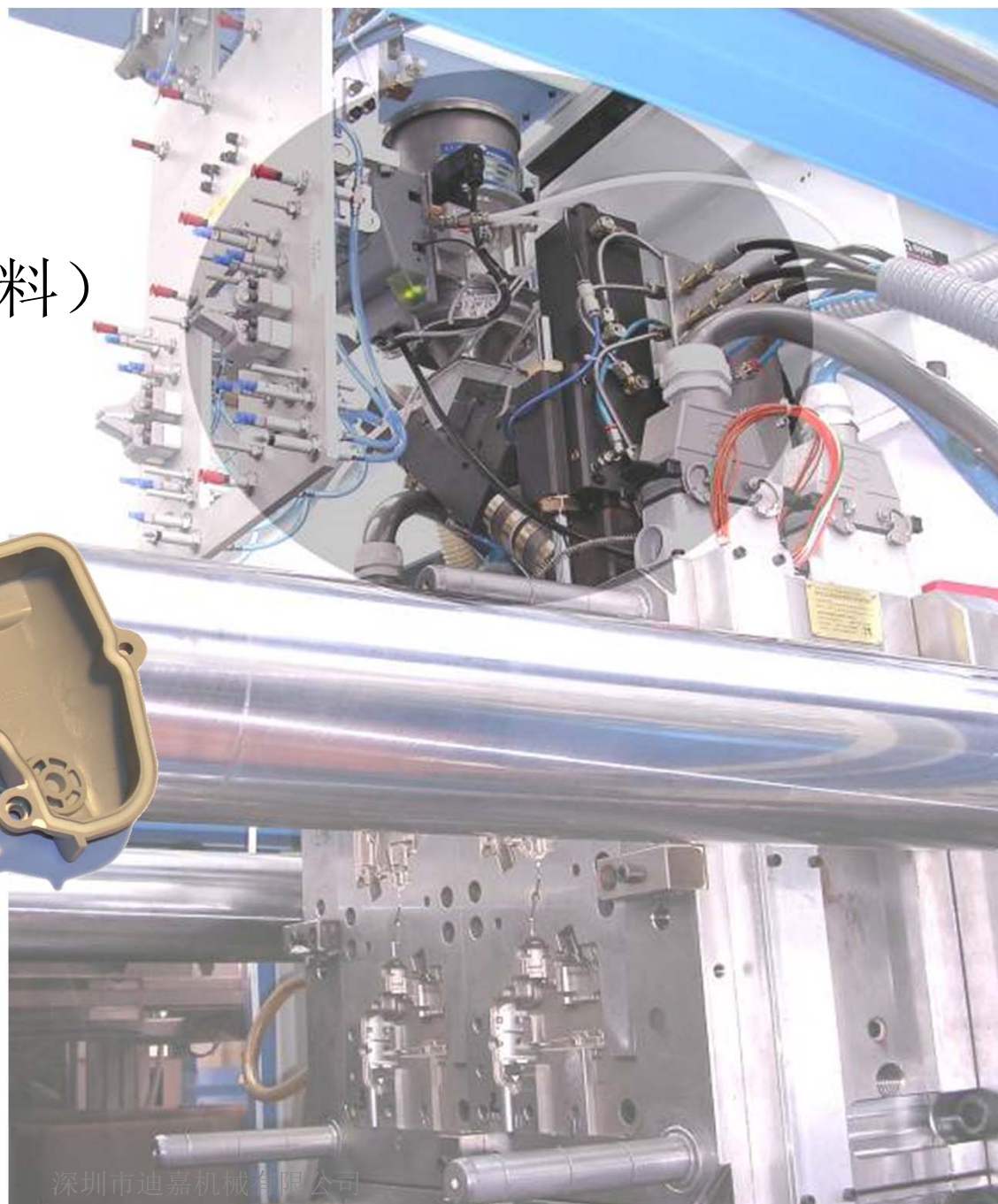
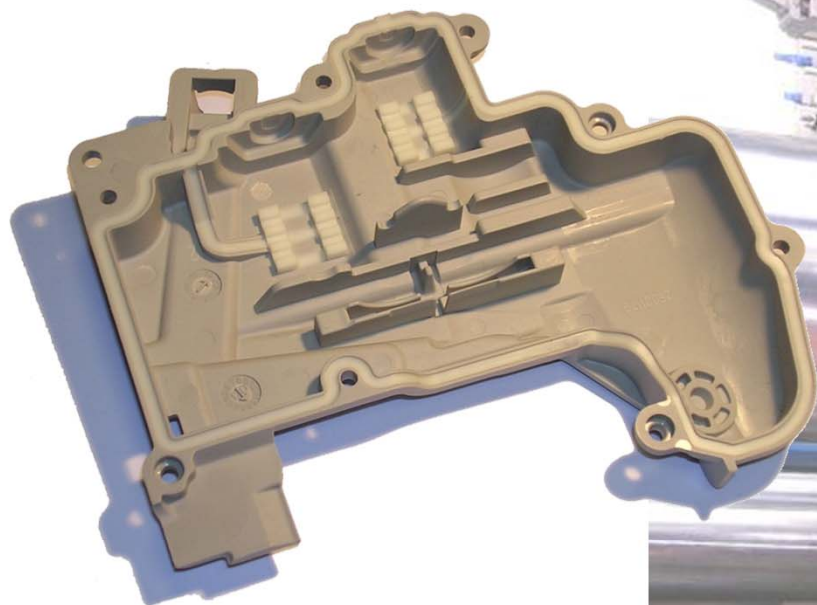
# MultiPlus Babyplast LSR微量射出应用（双物料）



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## 微量射出应用（双物料）







Stampaggio  
a iniezione

# UAI全自动注塑单元

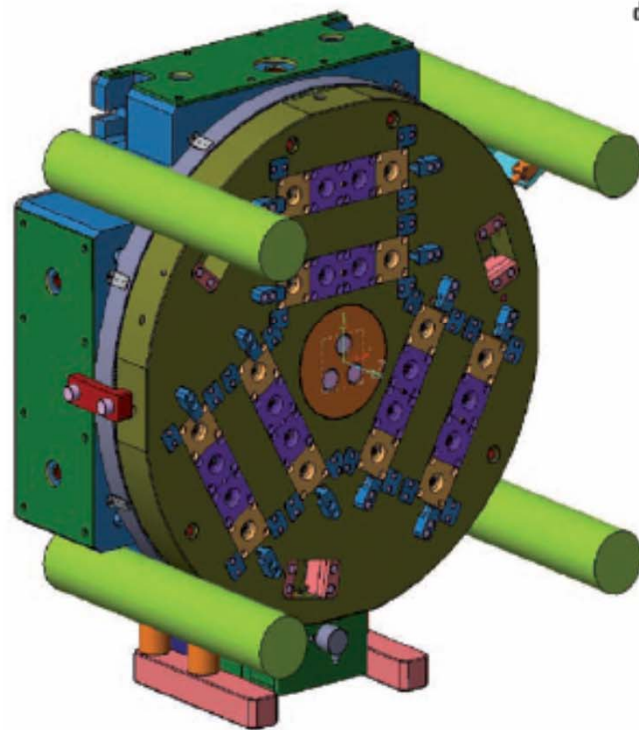
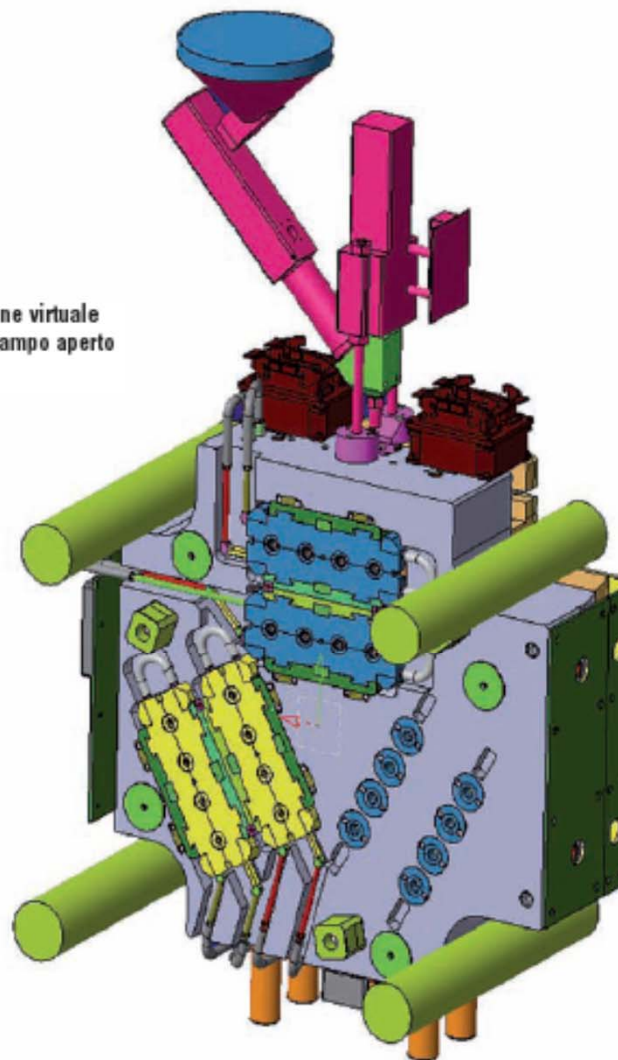


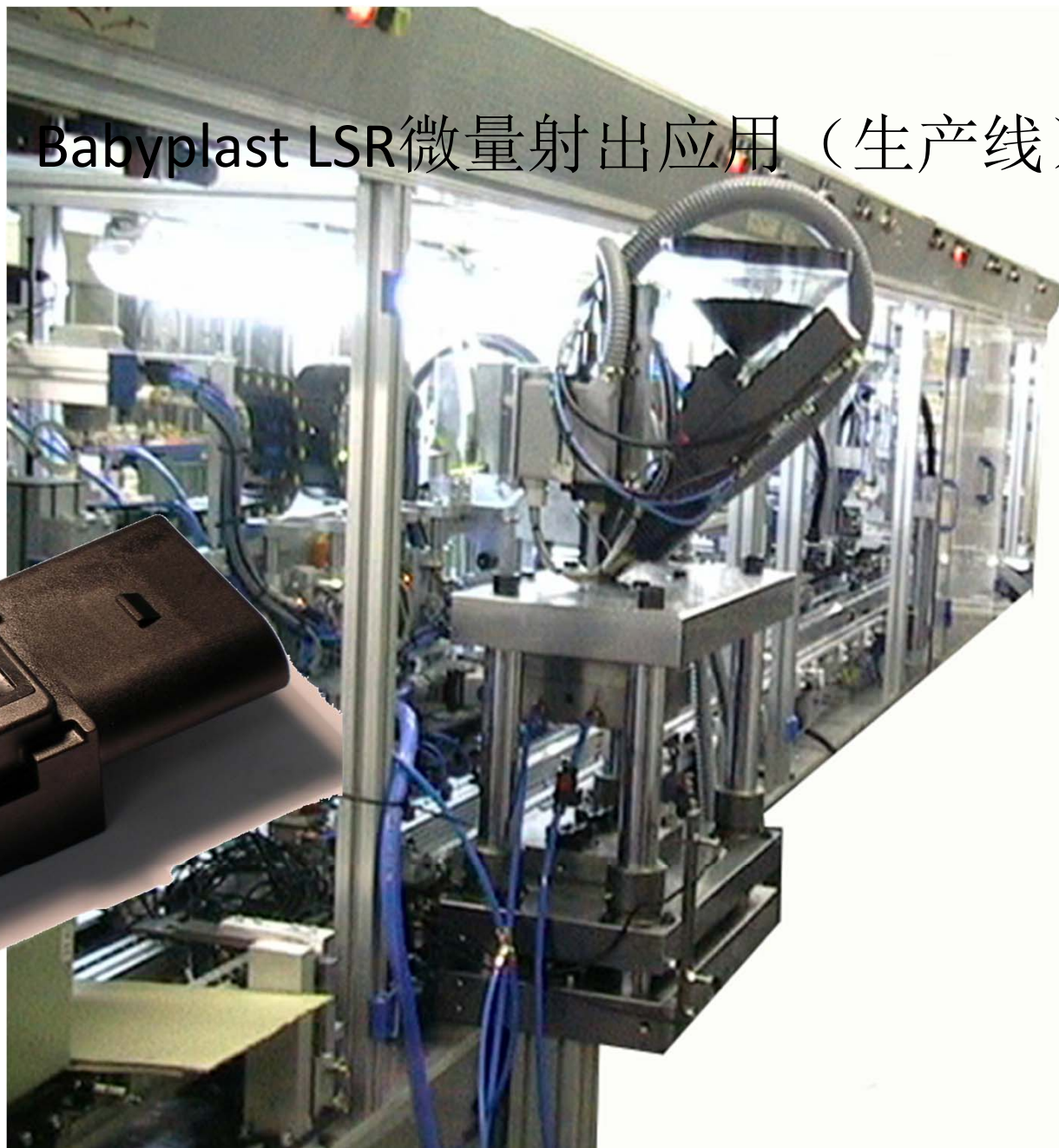
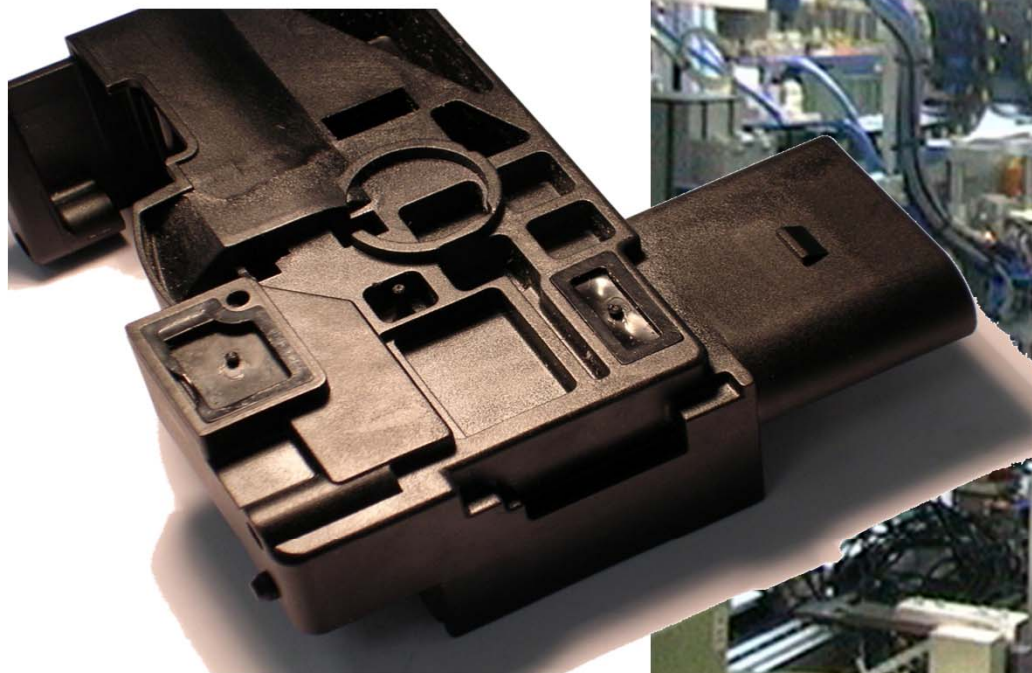
Immagine virtuale  
dello stampo aperto



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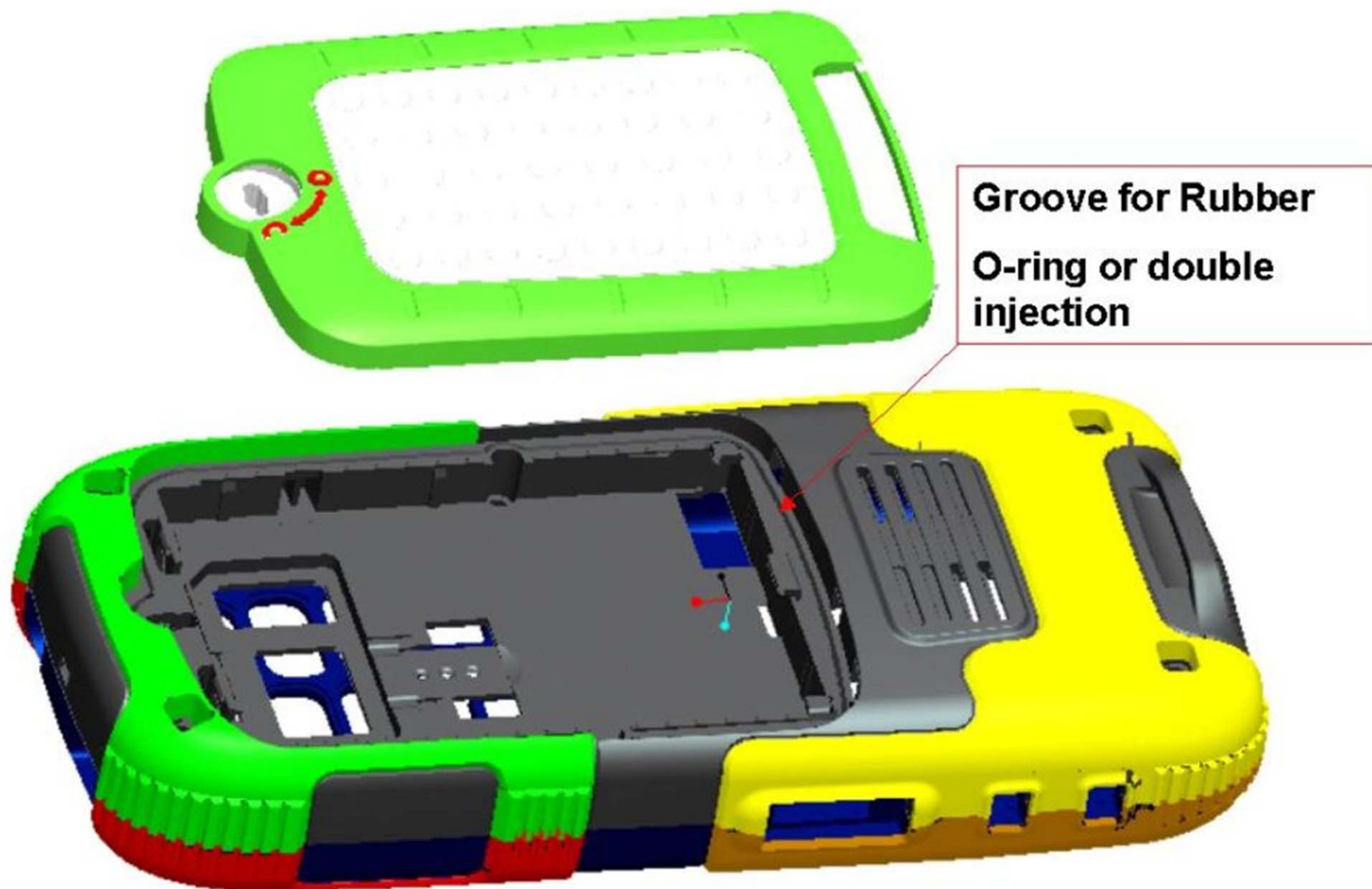
## Babyplast LSR微量射出应用（生产线）



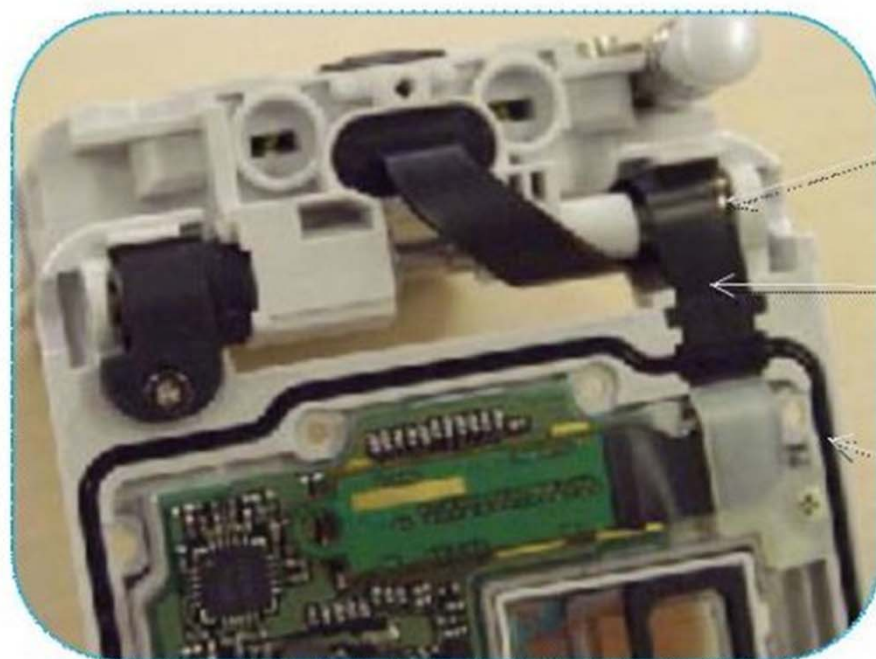
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# MultiPlus Babyplast LSR微量射出应用（双物料）



# MultiPlus Babyplast LSR微量射出应用（双物料）



Hinge

FPC

Sealing Strip

3 Hinge

WATERPROOF

## Solution:

- Use a waterproof hinge (to be found..);
- Cover the FPC with soft material ( to be studied..);
- Ensure waterproof at where the FPC goes through the basement and flip cover;



[www.multiplushk.com](http://www.multiplushk.com)

**Babyplast**  
*Micro-injection moulding machines*

谢谢！

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The image is a promotional advertisement for Babyplast micro-injection molding machines. It features a smiling woman with brown hair and a white shirt on the left. On the right, a hand holds a small, red and white Babyplast micro-injection molding machine. The machine has a hopper at the top, a control panel with a digital display and buttons, and a mold area. The background is white with a large, faint 'Babyplast' watermark. The text 'Babyplast' and 'Micro-injection moulding machines' is prominently displayed in the upper right. The Chinese characters '谢谢！' (Thank you!) are in the center, and '深圳市迪嘉机械有限公司' (Shenzhen Dيجا Machinery Co., Ltd.) is at the bottom.