

_OLED,LCD,PDP
_Silicon module solar cell, Chemical
Automobile
www.iTASCO.com



History

- 1986.04 Established Taewon Trading Company (Private Company)
- 1992.07 Changed To Taewon Scientific CO.,LTD
- 1995.04 Approved Authorized Supplier For Samsung (S.A.I.T)
- 1995.05 Approved Authorized Supplier For LG Electronics CO.,LTD.
- 2008.06 Certified Of ISO9001/14001
- 2009.10 Approved Authorized Supplier For Samsung Display(SDC)
- 2011.08 Move To Taewon Building Owned By TASCO
- 2012.10 Approved Authorized Supplier For LG Display
- 2015.01 Certified Of Authorized Economic Operator Korea (AEO)



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본 홍보물은
태원과학(주)의 사업부분을 간략히 소개한 소책자이며 카탈로그가
필요하신 분은 이메일 또는 전화로 요청해 주시면 무료로 발송해 드립니다.
This booklet is just a brief introductions to business fields of
TASCO. For more information of our products, please request our
catalog by email or phone, which will be sent to you free of charge.



Beyond Expectation
We have been **30 years** in vacuum evaporation field, and **now dreaming**
of the next **100years** with you



**iTASCO Industry Display
Optics LED Solar Cell**
compound thin film solar cell
Secondary battery



CEO Message



CEO Kim, Tae-kap

Thank you for your support
We truly appreciate your consistent support to TAEWON SCIENTIFIC CO., LTD.
ever since its foundation in 1986.

Since initially established in 1986, TASCO[TAEWON SCIENTIFIC CO., LTD] has
been one of the specialists of vacuum evaporation industry in Korea, and now
we are facing the 30th anniversary of its establishment.

As a vacuum evaporation specialist, we have supplied sputtering targets,
e-beam & thermal sources, various kinds of wafers, chemical detergents
before and after coating and etc. into the industry such as electronic, display,
optics, industrial evaporation related companies, government institutes, and
almost every laboratory of universities. Also we have continuously increased
the amount of export of our products to America, Europe and Asia.

Under our slogan 'Supply best quality products with competitive price in right
time', we have been doing our best to satisfy our customers with high quality
products since we got ISO certification in 2008.

As we believe that our efforts have strongly promoted great developments of
Korean industry in the meantime, now we promise you that we would keep
trying to please our customers with reliable products in the high tech industrial
fields such as organic display, PV, LED and etc., and also ask your continuous
attention and support as we step further.

Thank you.

Sputtering Target



• Available materials

Metal, Dielectric (oxides, sulfides, and nitrides), Precious metal, Rare earth materials, Mixtures, Compounds, etc.

• Available type

Circular (2"~12"Dia), Rectangular, Cylindrical type, etc. All sputtering targets can be produced and supplied in any types on the request of customized specification.

Additional engineering services on request

- Bonding process (Indium or Elastomer)
- Cu backing plate manufacturing as customized size

Vacuum Evaporation Material



• Available materials

Metal, Dielectric (oxides, sulfides, and nitrides), Precious metal, Rare earth materials, Mixtures, Compounds, etc.

• Available type

Piece, Granule, Powder, Rod, Wire, Sheet, Nano powder and Ingot, etc.

All vacuum Evaporation materials can be produced and supplied in any types at the request of customized specification.

AF(Anti Finger) Coating Super Hydrophobic Pill Type



EZ Clean Series	
Key Features	Durable coating solutions for screen surfaces with excellent mechanical stability and free from everyday smudges
Applications	Touch-screen displays, flat-panel displays, electronic (touch) applications, etc.
Benefits	Low sliding angle and low contact angle hysteresis(coefficient of friction) provide outstanding smoothness and responsive touch panel screen surfaces with anti-fingerprint and easy-to-clean properties
Properties	Outstanding hydro- and oleophobic properties for smooth coating surfaces

Quartz Crystal



We supply Quartz crystal for coating thickness monitoring into the domestic market, which estimate the thickness of the E-beam evaporation coating after produce in the United State. Various types of sensors are in stock such as 5MHz and 6MHz of Alloy coating and Gold coating which could be applied to any kinds of facilities.

TASCO ITEM #	Replacement Quartz Crystal
TS06IA	Inficon, Maxtek, Sigma, Satis, Edwards, Intellemetrics
TS06IG	FilTech, Inficon, Maxtek, Sycon, Sigma, Satis, Edwards, Intellemetrics
TS05UG	Sloan, Ulvac
TS05UA	Sloan, Ulvac
TS05BG	Balzars, Umicore, Unaxis
TS05BA	Balzars, Umicore, Unaxis

Crucible



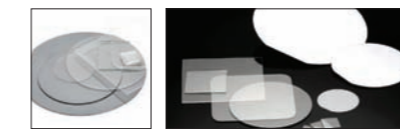
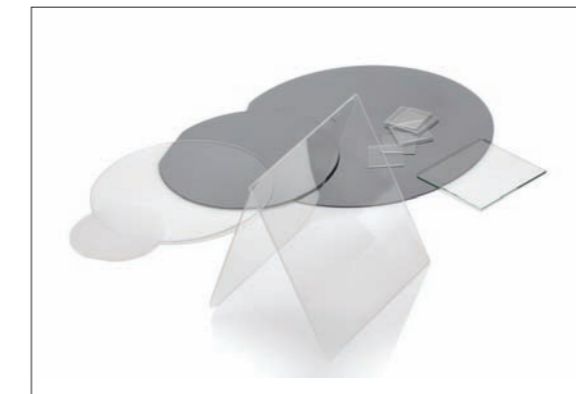
• Available materials

Tungsten (W), Copper (Cu), Graphite(C), Aluminum oxide (Al₂O₃), Boron nitride (BN), Quartz, etc.

• Available specifications

4cc, 7cc, 15cc, 25cc, 40cc, and etc. and also can be supplied as customized specification

Wafer



• Available materials

Silicon(Poly, Single), Glass (XG glass, Sodalime glass, ITO coated glass, FTO glass, etc.), Sapphire, GaAs, etc.

It can be supplied in various specifications at the request of customers' personalized order even if it is not a common application.

Additional engineering services on request

- Dicing
- Polishing
- Oxidation
- Metal coating process

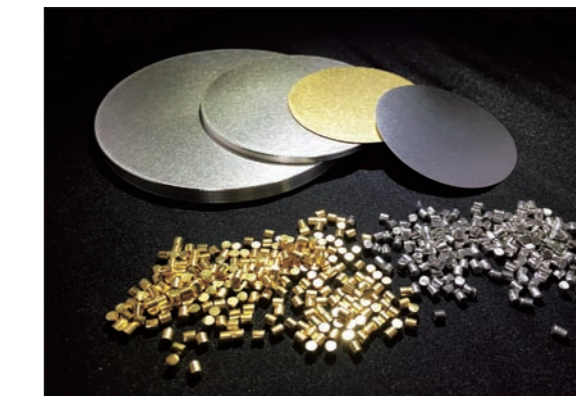
Boat and Filament



• Available materials

Tungsten (W), Molybdenum (Mo), Tantalum (Ta) It can be supplied in any sizes at the request of customized specification.

Precious Metal



• Available materials

-Gold, Platinum, Palladium, Silver, Ruthenium, etc.

• Available type

-Target, Pellet, Wire, Pieces, Powder, Rod, Sheet, etc.

• Additional engineering service on request

-Au, Pt, Ag recycle process

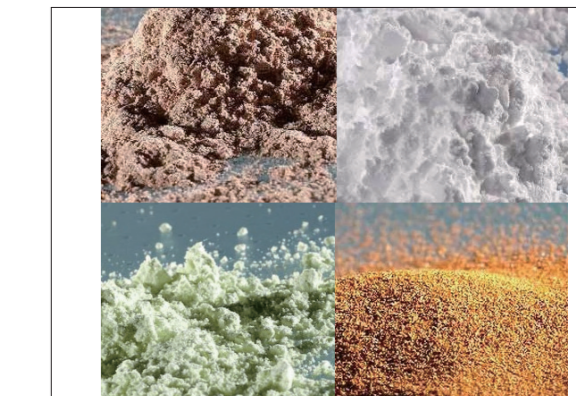
• We can supply the highest purity precious materials, and supply in any types at the request of customized specification.

Vacuum Component



As an agency of Kurt.J.Lesker, we offer many vacuum equipment components to domestic company.

Chemical



• Low melting point metal

-Bi, Ga, In, Se, Te etc.

-Ga₂O₃ powder

• Rare earth metal

-Plasma spray and sintering powder

-Phosphor powder

-SOFC powder

Cleaning Agent



We supply RBS Series which are a multipurpose cleaning agent for electronics, semiconductors, chemicals, bionics, and medicals.