*Insmart Systems is pioneering original equipment manufacturer of sample preparation systems for **Quality Control in Cement, Iron, Steel and Aluminum Plants**. Our sample preparation equipment also finds applications in laboratories of academic and research institutions.*

*Insmart Systems today has perfected the technology of sample preparation for a very large variety of materials. Our expertise in machine building and thorough knowledge of material science and metallurgical aspects of sample preparation has allowed us to develop state of the art sample preparation technology. **Insmart systems today is the undisputed market leader in sample preparation technology and has consistently maintained this leadership for the past ten years**. Approximately 95% of all the sample preparation equipment in India is of Insmart make.*

Insmart Systems sample preparation equipment has been patronized by leading Cement and Steel Plants and other materials industry. A large number of universities and research labs also use our equipment. We are proud to present the following list of satisfied customers.

- ***Research Labs:*** *BARC, AMD, DMRL, HAPP, HEMRL, SSPL, GSI, CAT, IGCAR, NML, RRL, Caleb Brett, SGS, NIFFT , NCCBM, NPL*
- ***Academic Institutions:*** *IIT Kharagpur, IIT Madras, IIT Guwahati, NIT Trichy, NIIT Ranchi, Delhi University, IIT Patna, IIT Roorkee, JNU Delhi, BHU, IMMT Bhubaneswar, NIT Rourkela.*
- ***Cement Plants:*** *ACC, Ambuja, India, Lafarge, Ultratech, My Home, Penna, Birla, Jaypee, J.K Laxmi, Deccan, Indorama, Vikram, Madras, Zuari, Kesoram, Chanda, Priyadarshini, Manikgarh, Rajshree, Grasim,Heidelburg, Shree cement, Jammu & Kashmir, India, Khyber,Century, Holcim.*
- ***Aluminum:*** *NALCO, MALCO, HINDALCO, Vedanta, JNRDC.*
- ***Steel and Sponge Iron:*** *Jindal Steel Plant, Bhilai Steel Plant, Mukund Plant, SISCOL, Jai Balaji, Jayaswal Neco,Tata,ESSAR, BMM Ispat, JSPL, Bhushan, Vizag Steel Plant.*
- ***Mines:*** *TISCO, Jindal, UCIL, Hindustan Zinc, Essel, NMDC, IBM, Sesa Goa, MSPL.*
- ***Glass:*** *Saint Gobain, Goa Glass, Gujarat Glass, Hindustan National Glass, Gold Plus.*
- ***Refractory:*** *TATA Refractory, ACE refractory, OCL refractory.*

- *Copper : Birla, Hindustan Copper, Sterlite.*
- *XRF: Thermofisher, Panalytical, Advance Scientific Equipment, IR Tech, AMTEK, Bruker, Shimatso, Qxford*

*Insmart is well on its way to become the global leader in the sample preparation technology. This is evident from our growing number of customers in **Malaysia, South Africa, Saudi Arabia, Bangladesh, Mexico, UAE, UK, Europe and Indonesia**.*

*The insmart technology provides the entire line of sample preparation equipment. The Insmart **Jaw crusher** is a primary size reduction machine. It can reduce the sample from a maximum size of **4 inch to less than 1mm in two stages**.. A wide variety of crushing blades in the Jaw crusher allows you to customize this equipment for a diverse range of materials. Secondary size reduction equipment such as the **Insmart Vibratory Cup Mill and Insmart Planetary micro mill** process the material to sizes up **to 500 mesh.** They also ensure complete homogenization and contamination free grinding. The i**nsmart Hydraulic press** is used to compact the powder from the milling and grinding system in the form of a pellet. This compact pellet is used in XRF analysis. **Insmart also provides a large variety of mixers for thorough mixing and high degree of homogenization**.*

It also manufacture Milling Machines and Robotic Milling Systems for OES sample. (Lollipop Sample).

*For detailed Information visit our website **www.insmartsystems.in***